WICKWAR LANDFILL - SOIL WASH PLANT OPERATIONAL PLAN

Wickwar Landfill

EPR/KB3003LM

FEBRUARY 2025

DOCUMENT REFERENCE: 223212/OP

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1.0 INTRODUCTION

Overview

1.1 This Operational Plan (OP) describes the operations at Wickwar Landfill Soil Wash plant (Permit Ref. EPR/KB3003LM). The activity is operated by GRS Stone Supplies. This OP relates solely for the new wash plant activity. The annual throughput is 150,000 tonnes per annum. The operations are completed in line with the standards of the Environment Agency (EA) and activities within EA Guidance[1], and Sector Guidance[2].

1.2 The permitted area is approximately 20 hectares in size however the site of the soil washing facility is 0.8 hectares. The permitted site is located east of public highway The Downs (B4509) and circa 1.3 km north of Wickwar village. The site centre is at 371271E, 190065N (ST 71271 90065). To the north, north east, west and south west of the site are bound by agricultural fields. Asphalt and concrete plants operate along the eastern and south eastern borders of the site.

1.3 The soil wash plant activity will be situated on a 55 mAOD platform level within the existing quarry which provides 10-15 m of quarry void screening. The set platform level will ensure access to and from the existing internal haul routes. The soil wash plant activity boundary is shown in drawing 223212/D/002.

2.0 MANAGEMENT

Management

2.1 The operations will be undertaken in line with this OP. The sites will have additional management plans including, but not limited to:

- Operational Plan (this document);
- Dust Emissions Management Plan;
- Accident Prevention & Management Plan;
- Spill Response Plan; and
- Site Condition Report.

2.2 The Environmental Management Systems will set out the following information:

- Site Operations;
- Environmental Policy;
- Register of Environmental Effects;
- Operational controls and responsibilities;
- Objectives and Key Performance Indicators;
- Contingency Arrangements;
- Records including formal training; and
- Review process.

2.3 The site will clearly establish and monitor performance for key objectives, this includes but is not limited to:

- Proportion of imported materials from wastes by each stream;
- Incidents and complaints by category; and
- Non-conformances.

2.4 All staff will have clearly defined roles and responsibilities with specified skills for each post required. At all times there will be sufficient staff to manage and operate activities on the site without causing a risk to the environment.

1 Environment Agency & Department for Environment, Food & Rural Affairs: *Develop a management system: environmental permits* Published 1 February 2016, updated 3rd April 2023.
2 Environment Agency*: Non-hazardous and inert waste: appropriate measures for permitted facilities (August 2023)*

2.5 In accordance with current EA guidance[1] the site will be supervised by the Technically Competent Manager (TCM) and at least one member of staff, who is fully conversant with the requirements of the Permit, OP regarding, in particular, the following:

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

2.6 A TCM will be on site for a minimum of 20 % of the operational hours. Detailed records of the attendance time at site by the TCM will be kept in the site diary.

2.7 All Contractors will be trained about the relevant working controls.

Hours of Operation

2.8 The facility will operate between the hours set out below:

- 07:30 to 17:00 – Monday to Friday;
- 07:30 to 13:00 – Saturday; and
- Closed – Sundays and bank holidays.

3.0 WASTE MANAGEMENT OPERATIONS

Overview

3.1 This section sets out the waste management processes to be undertaken at the soil washing facility only.

3.2 The site operates as a soil washing facility for inert and non-hazardous waste streams to produce recycled aggregate and soil substitutes. Operations also include the external storage, crushing, screening and grading of inert waste.

3.3 Schedule 1 details the operating processes and Schedule 2 the accepted wastes. Schematic 1 presents the soil washing process flow diagram and drawing 223212/D/004B shows the detailed site layout.

Waste Carriers Licence

3.4 A Waste Carriers Licence will need to be provided to the Operator prior to any importation by a third party. The certificate will be checked to ensure that it is valid. If there is any doubt as to the certificates' validity, then the Operator will restrict access to the site whilst clarification is provided regarding validity and status.

Waste pre-acceptance

3.5 Waste shall only be accepted if:

- EWC is listed within Permit document;
- It is chemical, physical and biological properties make it suitable for the intended treatment; and
- It complies with the description on supporting documentation and has been suitably inspected on arrival at the site and before it enters the treatment process.

3.6 A consolidated list of the permitted waste streams and their descriptions are provided in Schedule 2.

3.7 Excluded wastes include:

- Wastes consisting solely or mainly of dusts, powders or loose fibres;
- Hazardous wastes; and
- Wastes in liquid form.

3.8 No hazardous material will be treated, accepted or stored. Hazardous waste will otherwise only be present at the site if it is co-incidental (i.e. unforeseen) and co-mingled with imported wastes. In the event that this occurs, hazardous materials will be suitably contained/quarantined and dealt with in accordance with the waste regulatory regime.

3.9 To accept the permitted waste types, the following information must be confirmed in writing or in electronic form:

- Details of the waste producer including their organisation name, address and contact details;
- A description of the waste;
- The waste classification code (also referred to as a list of waste (LOW) or European waste classification code;
- The source of the waste (the producer's business and the specific process that has created the waste);
- Information on the nature and variability of the waste production process;
- Information about the history of the producer site;
- The waste's physical form;
- The waste's composition (based on representative samples, if necessary); and
- An estimate of the quantity.

3.10 The Site Supervisor will only approve acceptance of the waste for treatment or storage for onward transfer if they are satisfied that the characterisation is sufficient, including a consideration of variability. Furthermore, no waste will be accepted unless the facility has a prior defined management process for the treatment or disposal.

3.11 The Operative will also check that there is sufficient storage capacity to accept the waste.

Waste Acceptance

3.12 All wastes transported to the site will be weighed, the location of the weighbridge is included in drawing 223212/D/004B. All wastes transported to the site are visually inspected and weighed at the weighbridge upon entry to the site by trained personal, where safe. Where visual inspection at the weighbridge is not possible, waste will be visually inspected during tipping, and the site operative informed via radio of this action.

3.13 Only permitted waste that conforms to the type and description in the documentation supplied by the producer and/or holder is accepted. Details of the input will be recorded on Waste Information Forms (WIFs), which includes at least the following:

- Date and time of delivery;
- Vehicle details (registration mark);
- Written description, EWC code, origin and quantity of the waste;
- Waste producer details; and
- Waste Transfer Note number.

3.14 The Waste Transfer Note will be taken from the carrier, checked to ensure it is fully completed with the correct data and the material conforms to the pre-acceptance information within the WIF. If the Operative believes that the information provided is sufficient, the Carrier will be directed to the relevant placement area. Should the waste be found unsuitable the load remains on the vehicle for immediate off-site transfer. If the material has been offloaded, it will be moved to the designated quarantine area. Such events will be recorded in the site diary and the regulator informed where necessary.

3.15 During vehicular unloading the driver will be supervised by a trained operative and the waste material will be further inspected. If there is any uncertainty regarding the waste type against the expected characterisation as set out in the provided information then the material and/or the vehicle will be isolated until the assessment can be concluded. If the waste is unacceptable the vehicle will be re-loaded and the waste transfer note rejected from the site.

3.16 In the event that potentially unacceptable waste is identified post tipping this will be segregated and taken to the Quarantine Area (as indicated on drawing 223212/D/004A). The quarantine area consists of a lockable sealed container for smaller incidental objects. In the event of a soil being quarantined, a storage bay will be set aside. Where further testing is required to determine acceptability, this will be undertaken by the Site Supervisor or delegate.

3.17 The producer of the waste will be notified of the potential incident and if deemed necessary the importation of the waste stream will be stopped until acceptability can be confirmed. In the event that the waste is unacceptable the producer will be notified to remove the material from site. The details of this incident will be recorded in the site diary.

Storage over shutdown periods and security

3.18 Loaded vehicles are turned away when the area/s are not operational. In the event that a vehicle cannot be turned away, it will be placed adjacent to the quarantined section at the appropriate permit area.

Housekeeping

3.19 As determined necessary through the inspection regime, excessive accumulation of soil, mud and dust on areas of hardstanding and haulage roads will be scraped by machine or manually cleared.

3.20 The sites will be inspected daily for evidence of litter, with litter picking undertaken as necessary. All site inspections and observations will be recorded in the site diary. An example of a housekeeping checklist is provided in Appendix B.

Quarantine

3.21 Pre-acceptance procedures are implemented to avoid unacceptable waste being received at either of the sites. Despite these controls, waste streams can contain unexpected waste that is not suitable.

3.22 Upon identification these wastes will typically be rejected and returned with the carrier to the producer. The rejection will be notified to the producer and a record maintained in the Site Diary.

3.23 An inventory of wastes within the Quarantine Areas will be maintained at all times, detailing the date, waste characteristics and the date for removal. The location for quarantined areas are shown on drawing 223212/D/004A.

3.24 In the event that unacceptable waste is identified the material will be isolated and transferred to the respective Quarantine Areas. Quarantined material will be stored within a dedicated fully sealed container outside or stored on a sealed drainage system. Controls are outlined in Table 3.1.

Table 3.1 Quarantine Controls

Waste Type	Waste Processing Controls	Storage Controls
Asbestos impacted soils and stones	Segregated and quarantined immediately. Waste treatment to stop in vicinity of the identified waste and area isolated.	Contact specialist waste disposal Contractor's to review isolated area and dispose of waste appropriately.
Suspected hazardous soils or demolition material	Segregated and quarantined immediately. Waste treatment to stop in vicinity of the identified waste and area isolated.	Once safe working control developed, wastes will be segregated for offsite disposal or recovery in accordance with Waste Regulatory Regime. Incident recorded in accordance with site EMS and inspection of site completed to ensure the site has not been cross-contaminated.

3.25 All quarantined wastes will typically be removed within 1 working week of discovery. If not, the EA will be notified.

Waste Processing

Feedstock management

3.26 Soils and mineral aggregate waste suitable for mineral washing is stockpiled in front of the hopper. There is no pre-blending of wastes but by nature of the feedstock, there is mixing of inert and non-hazardous waste streams.

3.27 The excavator driver assesses the stockpile and removes any obvious material greater than 300 mm for further recovery, including inert material for crushing/screening, incidental timber and metal. Any identified unacceptable wastes are segregated to the skips.

Pre-screen

3.28 The excavator places the material into a pre-screen. The size of the pre-screen can be adjusted but is typically 100 mm. Oversize material is segregated from the material for mineral washing and falls to the ground for further processing through the dry processing.

3.29 The smaller fraction of material is transferred through the hopper onto the conveyor and lifted to the wet screening processes. The material on the conveyor belt is screened by an over band magnet which removes any ferrous metals. The metals are stored in a sealed skip on the concrete surfacing.

3.30 The graded material is then transferred onto the primary screens. Here they are subject to high intensity agitation and power washing. Silts, clays and sands less than 5 mm are split from the larger fraction and transferred to a cyclone. The coarser fraction, including main physical contaminants, are transferred to the log washing plant, see below.

Aggregate washing

3.31 The > 5 mm fraction transferred into the log wash. The water density separates the heavier aggregate and lights (including incidental plastic, wood). The aggregate is then set on an incline where the > 5 mm fraction is driven up the structure by paddles under intense spray bars and through a water bath. The aggregate is impacted by attrition removing attached clays, silts and soils and light contaminants. The smaller mineral chippings, silts and clays fall to the base of the log wash. The non-aggregate fraction (< 5 mm and lights) falls down into the lower section of log wash. The fine fraction of the mineral based materials are pumped from the base of the log wash into the cyclone and filters. The lighter organic fraction, including lignite, wood and microplastics float in the log wash.

3.32 The light contaminants are floated from the log wash via a trash screen and transferred to a container.

3.33 The resultant oversize is transferred from the log wash onto a conveyor. As it passes along the conveyor there is further removal of ferrous metals by an over band magnet. The cleaned recycled aggregate is then further segregated through screens and power washes into pre-determined mineral fractions for resale. The range of aggregates is typically 5 – 10mm, 10 – 20mm, 20 – 40mm and 40 – 100mm sized aggregates. Most of the products are used for cable and pipe bedding, concrete manufacture: with the oversized material being dry screened/crushed to produce a type one graded material, 6F1 – 6F5 fill materials and a 75mm down crushed concrete.

Sand washing

3.34 The mineral fraction < 5 mm is pumped to cyclones. The clay/silt fraction is split through the cyclones from the water and heavier sands. The resulting silty/clay water is transferred to the settlement tank. This leaves the mineral fraction between 0.63 mm and 5 mm which is further washed and screened leaving the sand fraction. Typically, this is split into a coarse grit (2 – 5 mm) and fine sand (0.63 – 2 mm).

Clay and silt processing

3.35 The resulting clays and silts are held in suspension and pumped to a settlement tank. The rate of settlement is controlled through the addition of a flocculant. Sludges fall to the bottom and are transferred to an agitation tank for storage and further processing whilst the cleaned process water is transferred to a holding tank.

3.36 A fines mesh removes any residual fine light waste, such as lignite and polystyrene, from the wash water. The residual lights drop into a skip on the concrete surfacing and are bulked up with the other unacceptable material. These are then transferred for further recovery or disposal at a suitably licensed facility.

3.37 A rotating boom in the agitator tank continuously moves the silts and clays to prevent it settling out. Periodically a pump transfers the slurry to the filter press. The filter hydraulically presses the solids. The pressure removes the water from the silt/clay fraction. The silts/clay mixture is then dropped into a covered bay.

Material Testing and Records

3.38 The recovery of clays, sands and aggregate is subject to an inspection and testing regime, including both chemical analysis and engineering tests in accordance with the site specific Factory Production plan and Quality Protocol. The Protocol uses principles set out in the WRAP protocol, series 600 of the Highways Specification, and British Standard Aggregates for Concrete (BS EN 12620) and/or civils. Engineering tests and chemical analysis are undertaken to ensure that they are suitably certificated for future use. The quality of the aggregates is consistent with WRAP protocol recycled aggregate.

3.39 The aggregates go through an end of waste process and a product sheet and certificates of conformity generated. All environmental tests is from a UKAS accredited laboratory. All testing is carried out in accordance with the UKAS/MCERTS regime.

3.40 In the event the materials are considered not to meet the specification, the material batch is reviewed and the process critically reviewed. This review is undertaken by the Site Team and involves review against the WIF forms over that period to better understand the root cause. A non-conformance form is raised, and corrective / preventative actions are undertaken. This includes greater testing regime on the batch to determine significance of any failure including a quality assurance check at the laboratory.

3.41 Non-conforming batches are temporarily stored in the bays on an impermeable surface to prevent surface water pathways, pending test results confirming either re-treatment or disposal.

3.42 In the event the silt/clay cannot be re-used as a marketable product under required specification, it is transferred for disposal.

3.43 The water, within the mineral washing system, is routinely inspected each operating day to ensure the process is working satisfactorily and the water is tested on a monthly to determine whether there is any significant hydrocarbon accumulation and ensure the system is working effectively. Monitoring of the chemical analysis from the recovered aggregate is also used to monitor hydrocarbon accumulation.

Crushing and screening of glass, construction and demolition wastes

3.44 Any waste with a high percentage of oversized inert material (>100 mm) are intermittently crushed/screened on site. Soils with a low percentage of oversized material are directed to the feedstock for mineral washing. Crushing and screening activities manufacture an aggregate out of the oversize. Testing is undertaken to demonstrate recovery is in line with WRAP Factory Protocol.

3.45 Soils may also be blended, screened and sized through a power screen. This process removes potential foreign items from the soil mix, including metals, plastics and pipework. This material is manually separated and segregated to the relevant bulking up container.

3.46 Any stockpiled oversize material is transferred to the crushing area and inspected. Any oversize or evident unacceptable material is mechanically or manually segregated from the waste. The material is inspected and crushed or screened as determined necessary.

4.0 SITE INFRASTRUCTURE

Provision of site identification board

4.1 A site notice board will be located at the entrance to the facilities. The site identification boards are inspected weekly by the manager to ensure it is clearly legible from the site boundary and free from damage or vandalism. The manager will record all inspections in the Site Diary. The site identification board provides the following information:

- Site name and address;
- Permit holder's name;
- Operator name;
- Environmental Permit reference number;
- Emergency contact name and telephone number;
- Confirmation that the site is permitted by the Environment Agency;
- The Agency's telephone number (03708 506 506); and
- The days and hours of operation.

4.2 The site identification board will be constructed from durable materials and maintained in a clearly legible condition throughout the entire duration of operations at the site.

Vehicle guidance

4.3 The site will implement a radio communication system between the landfill operatives, key site staff, and weighbridge operatives to ensure effective on site traffic management and ensure all bulking and treatment of waste occurs within the building and loading activities occur in the external loading area with dust suppression. The site is run operating a one-way system and traffic light system through the tunnel.

4.4 In the event the site is experiencing a high number of deliveries, traffic will be directed to the truck waiting area and the site will notify all incoming lorries to hold back until the site traffic has been alleviated to allow safe operations.

Site security, fencing and gates

4.5 The wider quarry site is secured through palisade fencing around the perimeter of the site to prevent unauthorised access. The access gate will be locked when site is not in operation. The integrity of the perimeter fencing and gates will be inspected on a daily basis by the Manager. Any damage or defects that reduce security at the site will be temporarily repaired as soon as practicably possible and permanently repaired within seven days. Damage to the site fencing and gates will be recorded in the site diary, along with any required repairs.

4.6 The site staff will be instructed that, in the event of finding evidence of unauthorised access and/or vandalism, the matter must be reported to the Police and the Manager who will then take the appropriate action.

4.7 All process machinery and plant will be turned off and system panels locked to ensure no tampering with equipment. All site visitors and site operatives must report to the site office to sign in.

Lighting

4.8 Security lights are provided internally facing into the operational area. The lights are angled to minimise spillage and are operational throughout night time periods to create a safe and secure working area.

4.9 All lights will be regularly inspected with all faults being repaired as and when necessary. All repairs will be recorded in the site diary.

Site Drainage

4.10 The soil washing facility is located on impermeable concrete and is a completely sealed system. There is concrete kerbing around the perimeter to prevent overland surface water loss from the site. Any runoff from the concreted area will flow towards the south western corner to a lagoon as shown on drawing 223212/D/005. The water from the lagoon will be re-used on site for dust suppression and recirculation through the soil wash plant.

5.0 ENVIRONMENTAL CONTROLS AND MONITORING

Management of dust and particulate matter

5.1 The waste types accepted into the facility include waste types that could cause dust without mitigation. The management of dust and particulate matter is discussed in detail in the site-specific Dust and Emissions Management Plan (223212/DEMP).

Management of mud

5.2 The dispersal of mud originating at the site onto public roads and the surrounding land will be controlled. The following operational procedures will be implemented to ensure that dirt and mud do not reach the public highways and surrounding land:

- The internal site roads will comprise hard surfacing including loose brick;
- Wheel wash facilities are located prior to wider facility exit. All HGV are required to use the wheel wash;
- Plant and machinery will be thoroughly cleaned before leaving the site;
- All vehicles entering or exiting the site will be sheeted; and
- The wider quarry operates mechanical sweeper to be deployed to remediate any mud and debris that has been deposited on to the public highway or access road.

5.3 The Manager or nominated deputy will regularly inspect the entrance area for evidence of mud and debris that has been trafficked at least twice daily. Details on the inspection will be maintained in the site diary.

Management of odour

5.4 Due to the properties of the waste accepted, the odour generation potential from all activities is negligible. Odour management will therefore be limited to the assurance that only specific waste is accepted and deposited at the facility, through visual inspection of waste as they are delivery to and discharged at the site.

Management of noise and vibration

5.5 The site is located > 800 m away from a sensitive receptor within an existing quarry and industrial setting, previously operated by Breedon's Group for over 10 years. The facility is located within the quarry with 10 – 15 m of quarry side wall screening breaking complete line of sight. The risk of noise is considered very low and no further assessment is deemed necessary.

Management of pests

5.6 Due to the properties of the waste that will be accepted there is a low potential to attract birds, vermin, and insects. No specific measures are therefore required, however, visual inspections of will be carried out by the weighbridge at the point of acceptance with further assessment by site operatives when the waste is deposited. Any infested waste will be rejected. Daily site inspections will also be undertaken to identify any potential issues that may arise.

Management of litter

5.7 The wastes to be accepted at the facility will not contain any significant quantity of litter. All loads will be inspected upon delivery and/or discharge at the site to ensure contaminated wastes are not accepted. All deliveries are required to be sheeted upon arrival and exit.

5.8 The site will be inspected daily for evidence of fugitive litter, with litter picking undertaken as necessary. Any remedial action will be recorded in the site diary.

Management of surface water

5.9 The soil washing facility is located on impermeable concrete on a sealed drainage system. Any runoff from the concreted area will flow towards the top south western corner to a lagoon. The water from the lagoon will be re-used on site for dust suppression and recirculation through the soil wash plant. The site drainage is shown on drawing 223212/D/005.

Management for control and remediation of leaks and spillages

5.10 Management and control of leaks and spills are in accordance with the Accident Prevention and Management Plan and the Spill Response Plan.

Management of fire prevention and control

5.11 No permitted waste types are combustible and the fire risk is inherently low given it's a wet screening activity. The following measures are in place:

- No burning of waste either in the open or in any form of incinerator;
- There are designated fire marshalls on site; and
- Any incident of fire will be reported immediately to the Environment Agency.

6.0 WASTE

6.1 Any non-compliant materials will be segregated and sent for onward use or recovery by suitably licenced facilities.

6.2 The Operator will adhere to Section 34 of the *Environmental Protection Act 1990* '*Waste Management: The Duty of Care – A Code of Practice*'. Residual wastes will be stored in appropriate covered bays and/or containers, which will be correctly labelled. Waste streams, in particular those designated to be disposed of, will be constantly assessed by the management team to ensure the efficiency of the recovery operations is maintained. Quarterly waste returns will be completed and submitted to the EA in accordance with the Permits requirements.

6.3 All materials transferred from the site will be supported by Waste Transfer Notes and suitable Duty of Care paperwork.

7.0 INFORMATION MANAGEMENT

Records

7.1 All records required by the Permits will be held by the Operator. The Operator will keep all records relating to the site at the main office.

7.2 The site diary/environmental log will be maintained by the site management. All records relating to the site will be kept for a minimum of 2 years. The following significant events will be recorded in the site diary:

- Maintenance of plant in accordance with manufacturer's recommendations;
- Breakdowns;
- Emergencies;
- Problems with material quality and action taken;
- Site inspections and consequent actions carried out by the operator. These include those undertaken by specialists;
- Technically competent management attendance at site;
- Any monitoring undertaken;
- Importation volumes and Duty of Care paperwork;
- Severe weather conditions which adversely affected site activities;
- Complaints (See complaints form and procedure in Appendix A); and
- Environmental problems and remedial actions (including spills and leaks).

7.3 Pre-acceptance records must be kept for at least 3 years following receipt of the waste. If no waste is accepted from the enquiry, the pre-acceptance does not need to be kept.

Inspection Regime

7.4 Site inspections will be undertaken of the landfill operations and HCI waste facility on operational days to check for unforeseen emissions and compliance with the Permit requirements. Inspections and corrective actions (including any required notifications to the EA) will be recorded in the Site diary. The main points for inspection will include the following:

- Cleanliness;
- Site emissions;
- Leakages/spillages;
- Monitoring data;
- Plant condition; and
- Integrity of wider associated buildings, surfaces, drainage and security provisions (where applicable).

7.5 In the event that a problem is identified, the Manager will organise immediate repair or other appropriate remedial action.

Duty of Care

7.6 In accordance with Duty of Care requirements, the Operator will maintain a schedule of all waste transfers from the site. The schedule and Duty of Care paperwork will be made available for inspection, as required. Records will be maintained at the Operator's main office.

Availability of Permit and Management Plan

7.7 A copy of the Permits, all management plans and the supporting documents, will be kept available on site. It must be available for reference when required by all site staff carrying out work under the requirements of the Permits.

Review of Management Systems

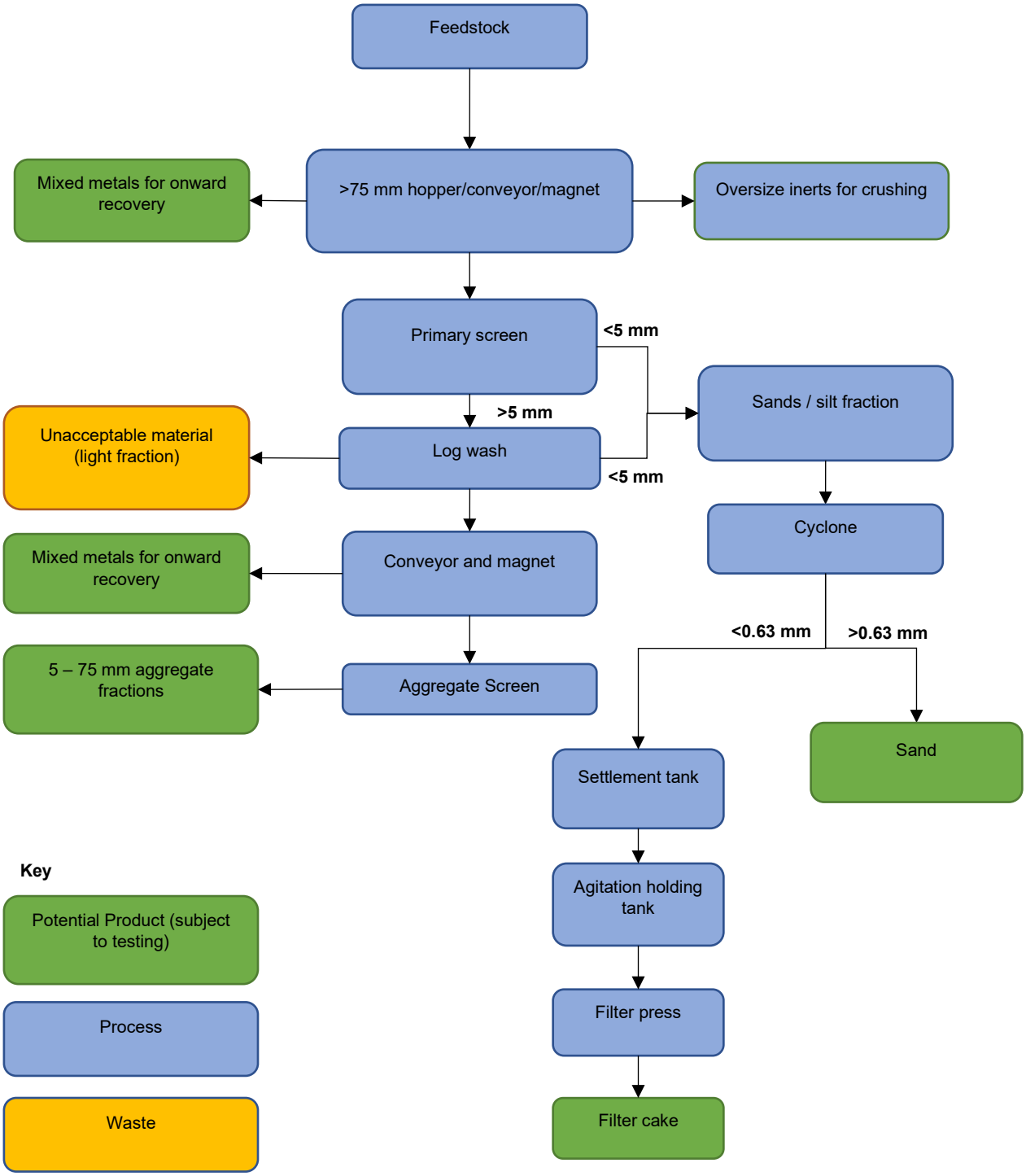
7.8 The management systems will be reviewed and updated following any of the following:

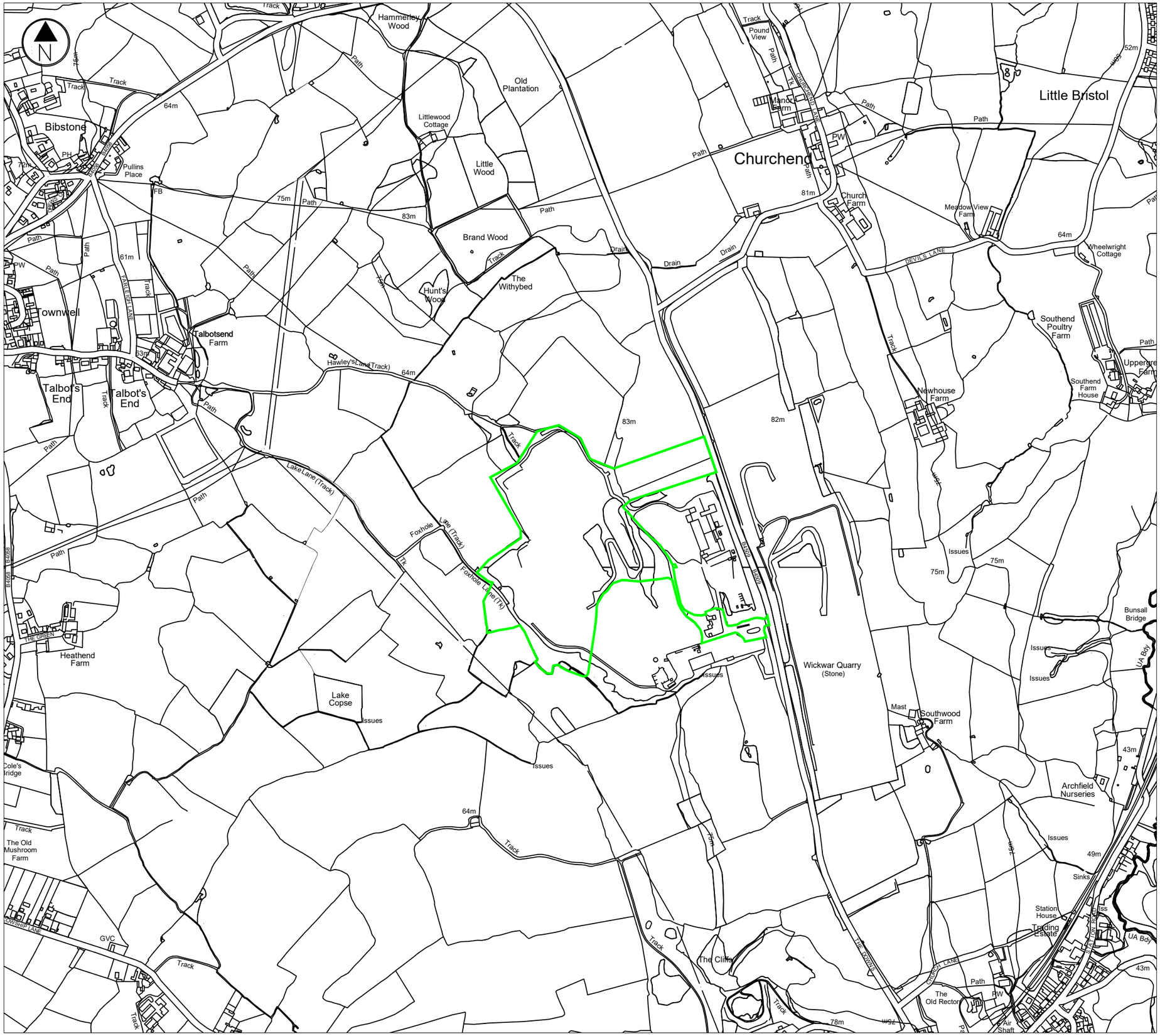
- If any changes to the site, operations or equipment which affect the activities covered by the permit;
- If the permit is varied;
- Following any accident, complaint or breach of permit; and
- If a new environmental problem or issue is identified and new control measures are required.

7.9 All records of changes to the management system will be recorded.

DRAWINGS

Schematic 1: Soil Washing Process Flow Diagram





KEY

Wickwar Landfill Permit Boundary (EPR/KB3003LM)

Wickwar Landfill is centered at National Grid reference ST 71207 90058.

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Rev.	Details	Drawn / Chkd.	Date

Project

223212 Wickwar Landfil
The Downs
Wotton Under Edge
Wickwar, GL12 8LF

Title

Site Location Plan

AA Environmental Ltd
Units 4-8
Cholswell Court
Shippon Abingdon
Oxon OX13 6HX

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Environmental Consultants

Scale	Date	Drawn	Chkd.	Drg. No.	Rev.
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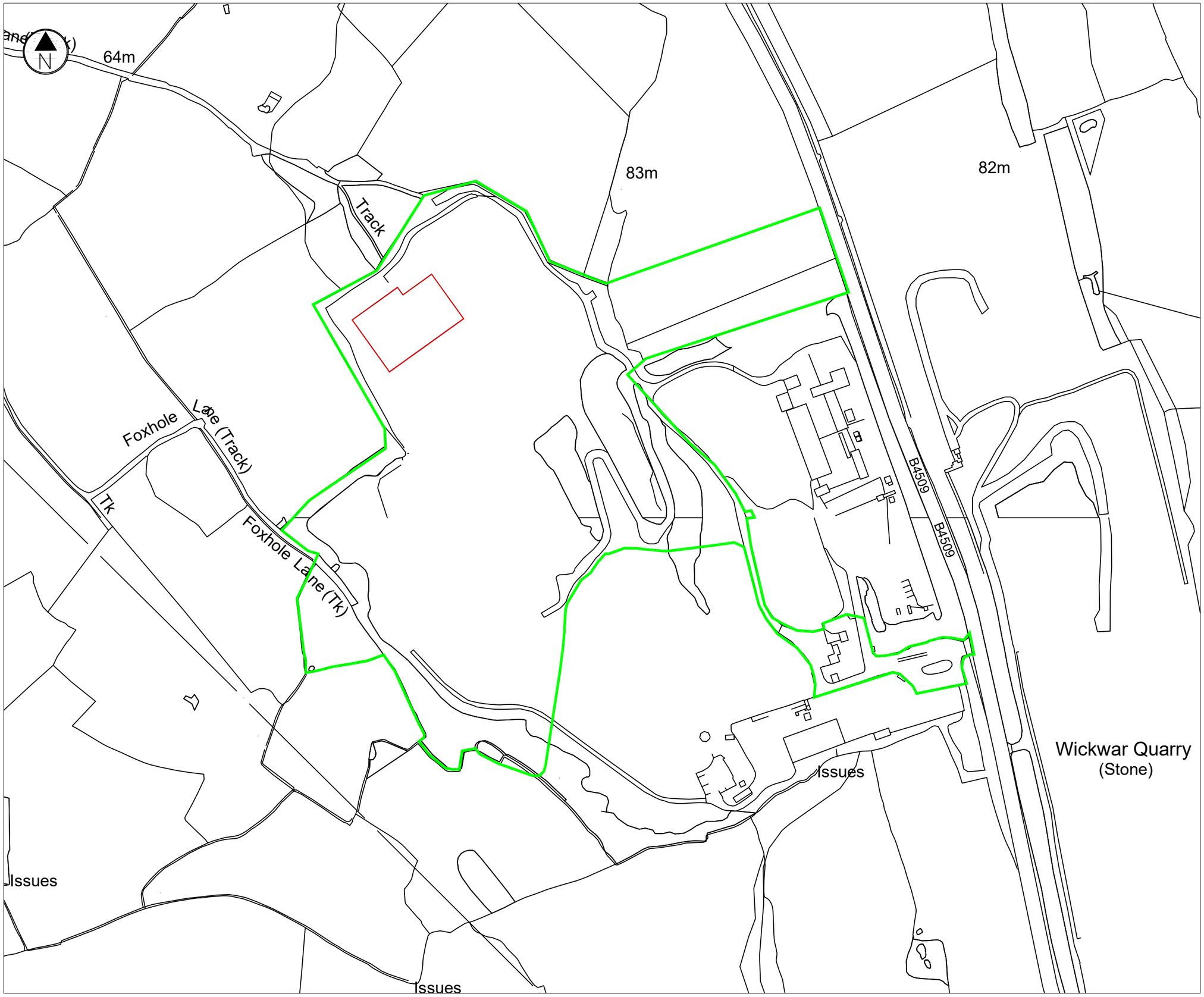

KEY

Wickwar Landfill Permit Boundary (EPR/KB3003LM)

Soil Wash Plant Activity Boundary

Wickwar Landfill is centered at National Grid reference ST 71207 90058.

The soil wash plant activity is centered at National Grid Reference ST 71112 90227 and is covered under the Wickwar Landfill permit (EPR/KB3003LM).

Rev.	Details	Drawn / Chkd.	Date

Project

223212 Wickwar Landfil
The Downs
Wotton Under Edge
Wickwar, GL12 8LF

Title

Activity Boundary Plan

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Scale	Date	Drg. No.	Rev.
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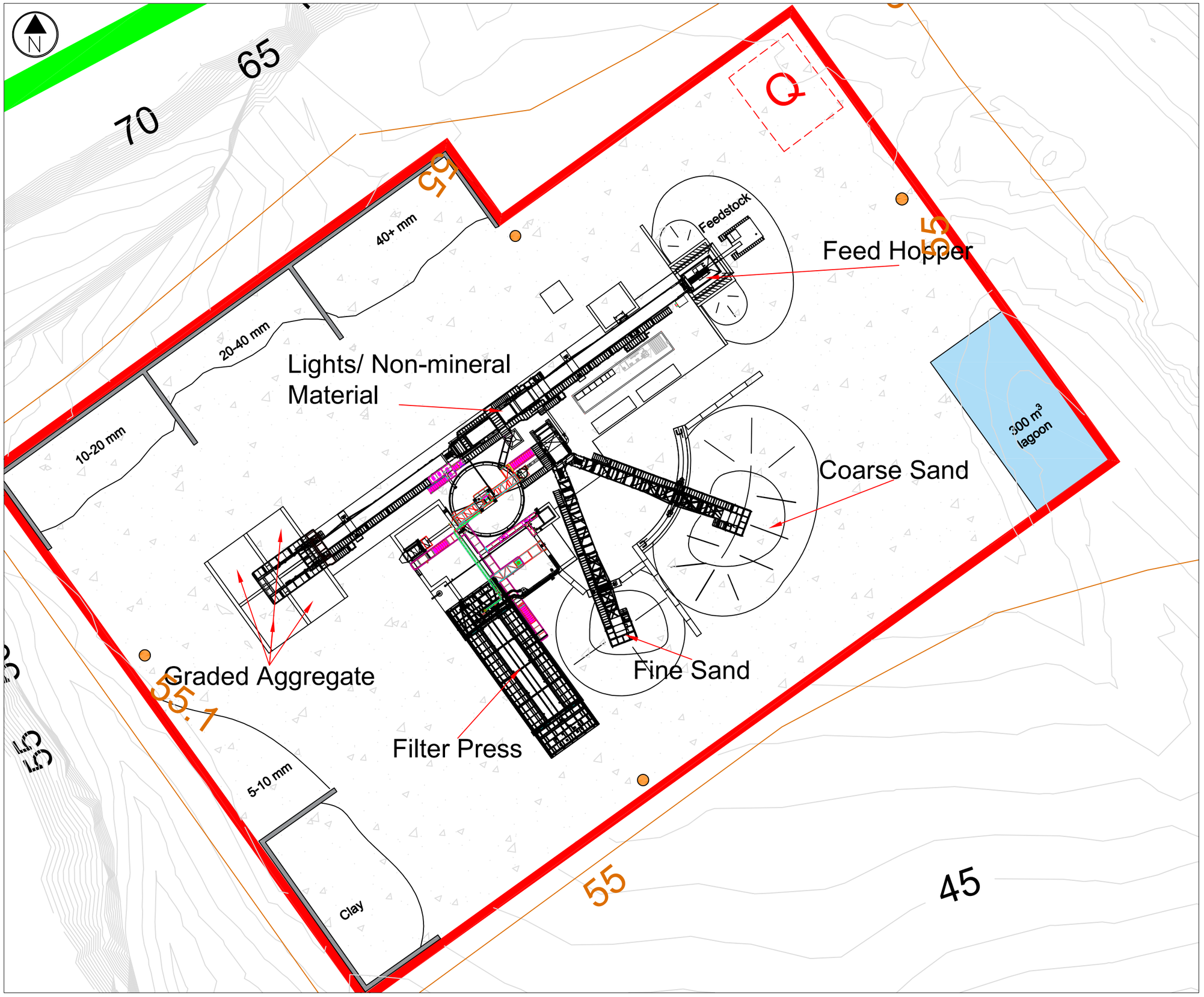

KEY

- Soil Wash Plant Activity Boundary
- Quarantine Area
- Concrete Bays
- Concrete surfacing
- Platform Level Contour (55 mAOD)
- Visual Monitoring Location

Rev.	Details	Drawn / Chkd.	Date

Project

223212 Wickwar Landfil
The Downs
Wotton Under Edge
Wickwar, GL12 8LF

Title

Site Layout Plan - Soil Wash Plant

AAe Environmental Consultants

AA Environmental Ltd
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Scale	Date	Drg. No.	Rev.
1:400@A3	Feb'25	223212/D/004A	
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N

B4509

B4509

Wheel Wash

Weighbridge
and ticket office

Issues
Site Office, Staff Parking, Welfare, Plant Maintenance and Storage Area

KEY

- Soil Wash Plant Activity Boundary
- Haul Route
- COSSH Storage
- Spill Kits

Rev.	Details	Drawn / Chkd.	Date

Project

223212 Wickwar Landfil
The Downs
Wotton Under Edge
Wickwar, GL12 8LF

Title

Site Layout Plan - Wider Site

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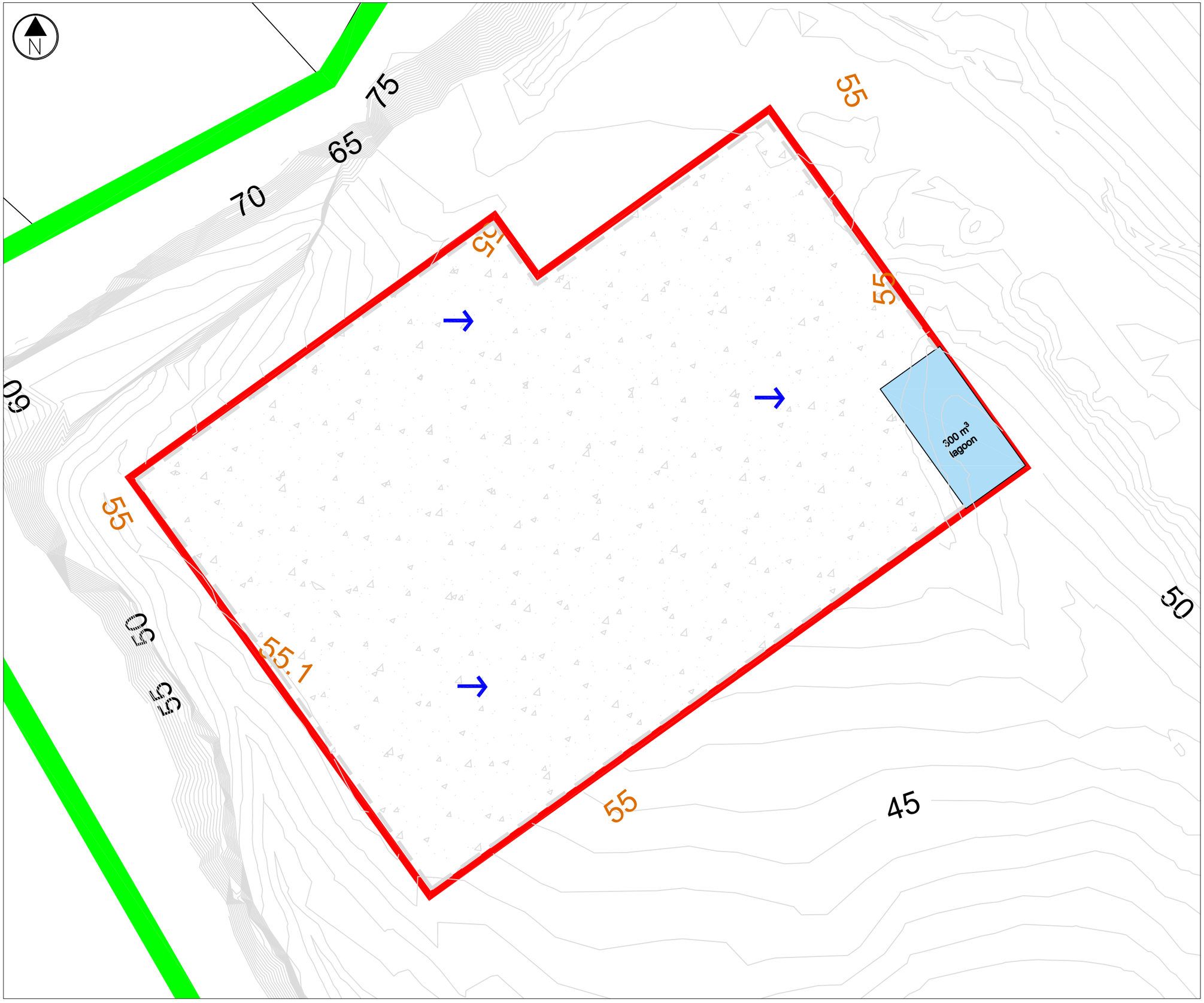
Scale	Date	Drg. No.	Rev.
1:4,000@A3	Feb'25	223212/D/004B	
	Drawn: SM / Chkd.: EB		



KEY

- Soil Wash Plant Activity Boundary
- Impermeable Concrete Surfacing
- Surface Water Drainage Flow
- Perimeter 200 mm kerbing to contain surface water to lagoon

Rev.	Details	Drawn / Chkd.	Date

Project

223212 Wickwar Landfil
The Downs
Wotton Under Edge
Wickwar, GL12 8LF

Title

Drainage Plan

AAe Environmental Consultants

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Scale	Date	Drawn	Chkd.	Drg. No.	Rev.
1:500@A3	Feb'25	SM	EB	223212/D/005	

SCHEDULES

Schedule 2.1 Waste Treatment / Recycling Facility of Non-Hazardous Waste		
Activity	**Description**	**Limits of waste**
Soil washing activity	R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). R4: Recycling/reclamation of metals and metal compounds. R5: Recycling/reclamation of other inorganic materials. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced).	Treatment of wastes listed in table S2.2, consisting only of sorting, separation, screening, crushing, washing and blending of waste for the production of secondary recycled aggregates. Secure storage of wastes listed in table S2.2 pending treatment. Annual throughput of 150,000 tonnes per annum.

Schedule 2.2 Waste types for soil wash plant	
Waste code	**Description**
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 01	Wastes from mineral excavation
01 01 01	Wastes from mineral metalliferous excavation
01 01 02	Wastes from mineral non-metalliferous excavation
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 07
01 04 09	Waste sand and clays
10	Wastes from thermal processes
10 02	Wastes from the iron and steel industry
10 02 01	Wastes from the processing of slag
10 11	Wastes from manufacture of glass and glass products
10 11 12	Waste 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 and articles and products made from them
10 13 14	Waste concrete
15	Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	Packaging (including separately collected municipal packaging waste)
15 01 07	Glass packaging
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 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01
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

Schedule 2.2 Waste types for soil wash plant	
Waste code	**Description**
17 05 08	Track ballast other than those mentioned in 17 05 07
17 09	Other construction and demolition wastes
17 09 04	Non-hazardous mixed construction and demolition wastes
19	Wastes from waste management facilities, off-site waste water treatment plants and preparation of water intended for human consumption/industrial use
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	Glass
19 12 09	Minerals (for example sand, stones)
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	Wastes from soil and groundwater remediation
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	Separately collected fractions (except 15 01)
20 01 02	Glass
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones
20 03	Other municipal wastes
20 03 03	Street-cleaning residues

APPENDIX A

Complaints Procedure

INTRODUCTION

This Complaints Procedure outlines how the Operator will respond in the event of a complaint. A complaint may arise relating to the site permitted activities involving a nuisance (dust, noise, odour, pests). This procedure contains information on how any complaint will be investigated and any actions taken as a result of the complaint.

KEY CONTACTS

The key contacts will be shown on the site notice board at the site entrance. Alternatively, any complaints can be made at the site to any site operative and/or the Site Manager.

PROCEDURE

1. Any complaints made will be immediately logged by the Site Manager and/or Site Operative. In the event a complaint is made to a Site Operative, the Site Operative will refer the complaint to the Site Manager. If able to do so, the complainant details will be taken on initial contact either by phone or in person.

2. The Site Manager (or nominated operative) will discuss any concerns with the complainant directly within 1 working day of the complaint being made; and request contact details to notify the complainant of any updates/corrective measures. The complain will be logged using the Complaint Form (attached) and given a unique reference number.

2. The Site Manager will review the site activities and ensure control measures are in accordance with the Site's Management Systems.

3. The Site Manager will investigate the location of concern raised in relation to the site i.e. at a local receptor location and/or public highway to inspect the impact on the receptor.

4. The Site Manager will notify the complainant of any updates to the control measures / site operations. Control measures may be corrective and/or preventative and include additional control measures and/or increase the frequency of an existing control measure. Alternatively, the design of the site operations may change to decrease nuisance to that receptor.

5. In the event the same issue persists, the Site Manager will further review site operations and control measures. This may require a temporary cessation of certain operations whilst additional measure is implemented. The works will not recommence until further control measures have been incorporated and a review of effectiveness has been agreed / witnessed by the Site Manager. The complainant will be kept abreast of further measures.

RECORDS

On site Records
A copy of this procedure is kept on site and briefed to all site operatives upon site induction. Any identified complaints, incidents or accidents, as well as corrective measures, are recorded in the Complaint Form. Copies of the complaint forms are kept on site.

Review
This procedure is reviewed on a yearly basis or post-incident to ensure it remains up-to-date with the site operations. The review procedure would involve the Senior Management Team and site team collectively to establish the root cause and the best available control techniques. The review will take place within 1 month of the incident.

Complaint Form

Complaint Form Reference No.	

Date of Complaint	

Details of Complainant			
Name			
Address			
Contact Number		**Email Address**	
Nature of Complaint			
Reported To		**Date of Incident (if different to date of complaint)**	
Corrective Measure Taken			
Follow up Communication with Complainant			
Preventative Measure Taken (if any)			
Sign off		**Close out Date**	

APPENDIX B

Housekeeping Checklist

Date		Completed by		Site Manager	

Checklist	✓/X	Tidiness (1 – 5)	Additional Notes/ Attention Needed?
Daily litter pick			
Tidy up large debris in operational area			
Tidy up large debris on haul route			
Inspect wheel wash			
Road sweeper used			
Public highway inspected			
Site entrance inspected			
Stockpiles stored at angle of repose			
Stockpiles compacted			
Stockpile heights checked			

Additional Notes for Other Location Identified	
Location Description	