Appleford Recycling Facility

784-B066441

Operating Techniques

Environmental Permit Variation Application

Hanson Quarry Products Europe Ltd

July 2024

Document prepared on behalf of Tetra Tech Limited. Registered in England numbe 01959704

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1.0 Introduction

1.1 Report Context

1.1.1 This section of the Environmental Permit application corresponds to Section 3 of Part C4 of the Environmental Permit application forms and specifically details the operating and management procedures for the proposed soil washing activity that will be in place at the site.

1.1.2 This Environmental Permit application has been prepared by Tetra Tech on behalf of the Operator, Hanson Quarry Products Europe Ltd (Hanson).

1.1.3 This document relates to Hanson's site Appleford Recycling Facility located at Site 1, Sutton Courtenay Quarry, Appleford, Abingdon, Oxfordshire, OX14 4PP.

1.1.4 Hanson currently hold a Bespoke Environmental Permit (EPR/GB3934AC) for the site which was issued in September 2012. The permitted activities comprise of the treatment of wastes consisting of sorting, separation, screening, crushing, and blending of waste for recovery as soil, soil substitute or aggregate. The site accepts less than 200,000 tonnes of non-hazardous waste per annum.

1.1.5 Hanson are seeking to vary the existing Environmental Permit to add a soil washing facility that will process a maximum of 400,000 tonnes per annum of non-hazardous soils. Hanson also seek to extend the permit boundary to include the area to the northwest as shown on Drawing Number APP/B066441/PER/01.

1.1.6 This document is an integrated document which describes both the operating techniques that will be implemented at the site to ensure compliance with the conditions of the Environmental Permit and also demonstrate that appropriate measures will be employed.

1.1.7 This report has been prepared to satisfy the requirements of the following: -

- Environment Agency – Develop a management system: environmental permits (August 2022).
- Environment Agency – Control and monitor emissions for your environmental permit (May 2021); and,
- Environment Agency – Non-hazardous and inert waste: appropriate measures for permitted facilities (August 2023).

2.0 Site Description

2.1 Overview of Site Activities

2.1.1 All site activities will be undertaken in accordance with EA Guidance 'Non-hazardous and inert waste: appropriate measures for permitted facilities' (Appropriate Measures).

Physical Treatment Facility

2.1.2 Hanson are currently operating a Physical Treatment Facility under a Bespoke Environmental Permit which allows for the treatment of waste consisting only of sorting, separation, screening, crushing, and blending of waste for disposal or for recovery as a soil, soil substitute or aggregate. This activity accepts less than 200,000 tonnes per annum to site.

2.1.3 It is proposed that this activity is retained as part of the variation to the environmental permit.

2.1.4 The operation of the waste transfer station will fall under the following Recovery and Disposal codes (R and D codes) shown in Table 1, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 1: Permitted R&D Codes

R/D Code	Activity Description
R3	Recycling/reclamation of organic substances which are not used as solvents
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 it is produced)
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)

Soil Washing Facility

2.1.5 It is now the intention of Hanson to vary the Environmental Permit to add a Soil Washing Facility to the permitted activities on site.

2.1.6 The soil washing facility will be to create recycled aggregates, soils and clays which are suitable for use in construction projects.

2.1.7 The proposal entails the operation of a soil washing facility that will process a maximum of 400,000 tonnes per annum of non-hazardous soils.

2.1.8 It is considered that the proposed soil washing activity will fall under the following Recovery and Disposal codes (R and D codes) shown in Table 2, provided for in Annex II to Directive 2008/98/EC of the European Parliament and The Council of 19th November 2008 Waste.

Table 2: Proposed Soil Washing Facility R&D Codes

R/D Code	Description of Activity
R3	Recycling/ reclamation of organic substances which are not used as solvents
R5	Recycling/reclamation of other inorganic compounds
R13	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)

2.2 Operating Hours

2.2.1 The proposed operating hours of the Facility are as follows:

- 24 hours Monday – Sunday.

2.3 Waste Types

2.3.1 A complete list of waste codes for the permitted physical treatment activity and the proposed soil washing facility is provided in Appendix A.

2.4 Waste Quantities

Physical Treatment Facility

2.4.1 The existing permitted physical treatment facility has an annual throughput of less than 200,000 tonnes.

Soil Washing Facility

2.4.2 The proposed soil washing facility will have an annual throughput of 400,000 tonnes.

2.4.3 There will be no hazardous waste accepted on site.

2.5 Site Layout

2.5.1 A site layout plan is provided on Drawing Number APP/B06641/LAY/01.

2.5.2 There will be a designated waste unloading area, treatment area, and storage areas for loose stockpiles. All soil washing activities will be undertaken on an impermeable surface. Also, there is a weighbridge outside of the permitted area.

2.5.3 The proposed extension of the permitted area to the northwest will be utilised for dry recycling, storage of incoming materials, storage of products from the physical treatment and soil washing

activities, and temporary soil washing using a mobile washing plant whilst the main wash plant is being constructed in the eastern area of the permitted boundary.

2.6 Plant and equipment

2.6.1 The following items and machinery may be available for use on site: -

- Front end loading vehicle (FEL)
- 360 grab excavator
- Mobile screener
- Mobile crusher
- Tractor bowser
- Telehandler
- Hopper
- Conveyor
- Over band magnet
- Log washer
- Gravel sizing screen
- Hydrocyclone / filter press.

2.6.2 All plant and equipment will be maintained in accordance with the manufacturer's guidance. A planned preventative maintenance programme for all machinery on site will be implemented to ensure that equipment is repaired prior to failure. Staff will only be permitted to operate machinery and undertake activities for which they have received appropriate training. This remains in accordance with Section 2.1 of the Appropriate Measures.

2.6.4 Process Flow Diagrams of the processing equipment have been provided within Appendix C to meet Section 5 of the Appropriate Measures.

2.7 Site Surfacing/Infrastructure

2.7.1 All areas of impermeable concrete surface will be visually inspected at least weekly to ensure their continuing integrity and fitness for purpose. The inspection and any necessary maintenance will be recorded. In the event that any damage breaches the integrity of the engineered containment so that it no longer meets the required standards, necessary remedial work will be completed as soon as practicable.

2.7.2 Site drainage will be provided in all areas of impermeable surface. The site drainage system will be subject to weekly visual inspection to ensure effective operation and integrity of the system. Maintenance will be undertaken to ensure the effective operation and defects will be rectified as soon as possible.

2.7.3 Allocated parking for staff and visitors is provided on site as shown indicatively on Drawing Number APP/B066441/LAY/01.

2.7.4 Allocated storage of fuels and lubricants associated with mobile plant on site is provided.

2.7.5 The measures implemented above meet the requirements of Section 6 of the Appropriate Measures.

3.0 Waste Acceptance Procedures

3.1 Pre-acceptance

3.1.1 All waste pre-acceptance procedures will be undertaken in accordance with Section 3.1 of the Appropriate Measures guidance.

3.1.2 Prior to accepting waste from new customers, Hanson will obtain and record information on the types of wastes to be accepted, the process producing the waste, predicted quantities, the form of the waste and any potential hazards associated with the wastes.

3.1.3 The information provided is reviewed against the site permit and the site-specific requirements relating to incoming waste and discussed with the suitably trained nominated person.

3.1.4 If the waste is confirmed to be acceptable at the site, a contractual arrangement is made with the waste supplier. The contract details the criteria for acceptance/rejection of loads delivered to the site for processing.

3.1.5 Regular feedback on the quality of waste delivered to the site is provided verbally to each waste supplier.

3.1.6 If the waste is deemed unacceptable, the customer will be notified, and the waste will be immediately directed to the quarantine area.

3.1.7 The facility will require the following information in written or electronical form prior to acceptance in accordance with Section 3.1 of Appropriate Measures: -

- 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 if it may be relevant to the classification of the waste (for example soils and other construction and demolition arisings from a site contaminated by previous industrial uses);
- The waste's physical form;
- The waste's composition (based on representative samples if necessary);
- A description of the waste's odour and whether it is likely to be odorous; and,

- An estimate of the quantity you expect to receive in each load and in a year.

3.1.8 Following the assessment and classification of waste, the site operators will technically assess the suitability of waste with regard to the treatment and storage facilities on site to ensure the conditions of the permit are met. Should the waste comply, the site are permitted to accept the waste.

3.1.9 All records relating to the pre-acceptance will be kept for cross-reference a verification at the waste acceptance stage. These records will be kept for a minimum of 3 years.

3.1.10 Hanson will reassess the information required at pre-acceptance on an annual basis or if the following apply: -

- Waste changes;
- Process giving rise to the waste changes; and,
- Waste received does not to conform to the pre-acceptance information.

3.1.11 Following the approval of accepting waste from a customer, the suitably trained nominated person relevant to their position will ensure that visual, physical, and odour-based checks are undertaken upon the receipt of waste. The criteria for non-conformance and rejection of waste will also be recorded, and the member of staff checking the waste can decide on additional parameters of how to check the waste.

3.2 Acceptance Procedures

3.2.1 All waste acceptance procedures will be undertaken in accordance with Section 3.2 of the Appropriate Measures.

3.2.2 The suitably trained nominated person will ensure that all characteristics of the waste received matches the information provided during waste pre-acceptance. If the waste does not conform to the pre-acceptance information, site management will confirm if the permit allows it and if it can be handled appropriately. Otherwise, the waste will be rejected.

3.2.3 The waste acceptance procedures will follow a risk-based approach in accordance with Section 3.2 of Appropriate Measures, considering: -

- The source, nature, and age of the waste;
- Potential risks to process safety, occupational safety, and the environment (e.g. from odour and other emissions);
- The potential for self-heating; and,
- Knowledge of the previous waste holder(s).

3.2.4 The suitably trained nominated person will check that the relevant storage areas and treatment processes have the physical capacity to handle the waste. The site will not accept the waste if the capacity is not available, or if it would breach the permit to do so.

3.2.5 The waste will be visually checked and verified against pre-acceptance information prior to acceptance onto site. The extent of the visual check is based on the waste type and how it is packaged.

3.2.6 Clear criteria will be used to identify non-conforming wastes and wastes to be rejected. In the event that these wastes arrive on site, the written procedures for recording, reporting, and tracking non-confirming and rejected wastes will be utilised which include: -

- Using quarantine storage;
- Notifying the relevant customer or waste producer; and,
- Recording a summary of your justification for accepting non-confirming waste in your electronic (or equivalent) system.

3.2.7 The member of staff undertaking waste acceptance checks will be trained to effectively identify and manage any non-conformances in the loads received in order to comply with the Duty of Care and permit conditions.

3.2.8 Each load of waste will be weighed on arrival using the weighbridge located outside the permitted area to confirm quantities against the accompanying paperwork which will be recorded in Hanson's comprehensive recording system. The suitably trained nominated person shall then notify the driver to proceed to the relevant area on site.

3.2.9 Materials will be tipped directly into the stockpiles or deposited on the hardcore surface in front of the stockpiles, where mobile plant will be operated to move the material into the stockpiles.

3.3 Waste Rejection

3.3.1 All waste rejection procedures will be undertaken in accordance with Section 3.2 and 3.3 of the Appropriate Measures.

3.3.2 Any non-conforming loads will either be rejected from the site and redirected to an appropriate permitted facility at the responsibility of the third-party senders or placed in quarantine prior to removal from site. A record will be made in the Site Diary and comprehensive recording system.

3.3.3 Any non-conforming waste identified following tipping will either be reloaded into the delivering vehicle and rejected from the site or placed in quarantine prior to removal from site.

3.3.4 The quarantine area on site is indicatively on Drawing APP/B066441/LAY/01 and is separate from all other storage areas. Quarantined waste will be sheeted to prevent rainfall or wind from mobilising pollutants.

3.3.5 Quarantined wastes shall be removed from the site as soon as practicable. If the quarantine waste is infested or odorous, the waste will be removed within 24 hours or less. However, due to the nature of the waste accepted on site, it is not considered that infested or odorous waste will become an issue.

3.3.6 Whenever site specific acceptance criteria detailed in the contract agreed as stated in Section 3.1.4 are not met, this will be clearly communicated to the waste supplier and records of the communication shall be kept.

3.3.7 The site may cease accepting loads from a particular supplier if contamination has occurred repeatedly and the supplier has not attempted corrective action or, in the composter's opinion, the action taken has been ineffective.

3.4 Waste Tracking

3.4.1 All waste tracking procedures will be undertaken in accordance with Section 3.4 of Appropriate Measures.

3.4.2 The Hanson's comprehensive recording system will be used to hold up-to-date information about the available capacity of different parts of the facility e.g., reception, quarantine, treatment, and storage areas. Hanson's system will ensure that the site has enough waste storage and process capacity for the incoming acceptable waste.

3.4.3 Hanson's comprehensive recording system holds all information generated during: -

- Pre-acceptance;
- Acceptance;
- Non-conforming or rejection;
- Storage;
- Repackaging;
- Treatment; and,
- Removal off site.

3.4.4 Records will be created and updated to reflect deliveries, onsite treatment, and despatches. The recording system will operate as a waste inventory and stock control system, including both wastes and end-of-waste materials produced at your facility. This will include the following: -

- The date the waste arrived on site;
- The original producer's details;
- A unique reference number;

- Waste pre-acceptance and acceptance information;
- The package type and size;
- The intended treatment or disposal route;
- The nature and quantity of wastes held on site;
- Where the waste is physically located on site;
- Where the waste is in the designated recovery or disposal process;
- Identifying the staff who have taken any decisions about attempting or rejecting waste streams and who have decided on recovery or disposal options;
- Details that link waste to relevant transfer notes; and,
- Details of any non-conformances and rejections, including consignment notes for waste rejected because it is hazardous.

3.4.5 Hanson's comprehensive recording system will report for each LoW code: -

- The total quantity of waste present on site at any one time;
- A breakdown of the waste quantities stored pending onsite treatment or awaiting onward transfer;
- Where a batch of waste is located based on a site plan;
- The quantity of waste on site compared with the limits in the management system and permit; and
- The length of time the waste has been on site compared with the limits in the management system and permit.

3.4.6 The system will also report the total quantity of end-of-waste materials on site at any one time, and where the material is located on Drawing APP/B066441/LAY/01.

3.4.7 Acceptance records will be kept for a minimum of 2 years after the waste has been treated or removed off site.

4.0 Storage Activities

4.0.1 All storage activities will be undertaken in accordance with Section 4 of the Appropriate Measures.

4.1 Storage Capacity

Physical Treatment Facility

4.1.1 As per the existing permit (EPR/GB3934AC), treatment within the physical treatment facility will consist only of sorting, separation, screening, crushing, and blending of waste for recovery as a soil, soil substitute, or aggregate. EWC 10 01 01 will be stored and treated on hard-standing or on an impermeable surface with a sealed drainage system. Storage of waste for the purposes of disposal shall not exceed 50 tonnes per day.

4.1.2 Materials that undergo dry screening and crushing will be stored on made ground.

4.1.3 These activities will occur in the existing permitted area and the proposed extended permitted area to the northwest.

4.1.4 Vehicles will be directed to discharge their loads by the designated operative. The suitably trained nominated members of staff will have a clearly defined role to ensure that vehicles are directed to the correct area of the site.

Soil Washing Facility

4.1.5 There will be clearly designated areas for the storage and treatment processes within the soil washing facility. All soil washing treatment will be undertaken on an impermeable surface with sealed drainage.

4.1.6 Waste handing will be undertaken by competent staff with the assistance of mobile plant. All waste storage areas are located securely within the security protected area of the facility to restrict unauthorised access and vandalism.

4.1.7 All waste accepted on site comprises of non-hazardous soils, and therefore the first-in-first-out (FIFO) procedure does not need to be followed.

4.1.8 Storage areas, containers and infrastructure will be inspected daily to ensure there is no loss of containment. Written records of all inspections will be kept, and any spillages of waste will also be logged.

4.1.9 Due to the nature of the waste accepted on site, segregation procedures do not apply.

Storage for Both Activities

4.1.10 There will be a maximum storage capacity of 300kt of untreated materials.

4.1.11 There will be a maximum storage capacity of 350kt of treated materials.

4.2 Storage and Waste Handling Procedures

4.2.1 All storage and waste handling on site will be undertaken in accordance with Section 4 of the Appropriate Measures.

4.2.2 Waste on site will be stored and handled in a way that ensures prevention and minimisation of pollution risks.

4.2.3 The handling of waste will be minimised due to the efficient location of the waste storage areas and waste treatment areas on site. The location of these areas is shown on Drawing Number APP/B066441/LAY/01.

4.2.4 Waste handing will be undertaken by competent staff with the assistance of mobile plant. All waste storage areas are located securely within the security protected area of the facility to restrict unauthorised access and vandalism.

4.2.5 All waste accepted on site comprises of non-hazardous soils, and therefore the first-in-first-out (FIFO) procedure does not need to be followed.

4.2.6 Storage areas, containers and infrastructure will be inspected daily to ensure there is no loss of containment. Written records of all inspections will be kept, and any spillages of waste will also be logged.

4.2.7 Due to the nature of the waste accepted on site, segregation procedures do not apply.

5.0 Waste Treatment

Physical Treatment Facility

5.1.1 Under the current environmental permit Hanson operate a Physical Treatment Facility at the site. It is the intention of Hanson to retain this activity on site under the varied permit.

5.1.2 Vehicles delivering waste loads will enter the site via the weighbridge, where the waste acceptance procedures mentioned above will be undertaken. If the waste is deemed acceptable, the driver will be directed to the waste treatment area as shown on the Site Layout Plan (Drawing Number APP/B066441/LAY/01).

5.1.3 Waste will only be handled by competent staff.

5.1.4 A variety of waste treatment methods will be applied on site which is subject to the nature of the waste. Depending on the particle size of the material, a crusher may be employed to crush the waste and processed via a screener a second time to reduce the particle size of the material. Alternatively, wastes that originally comprise finer particles will not require crushing and therefore will only be processed via a screener.

5.1.5 Following treatment, the waste will be unloaded into clearly defined stockpiles located adjacent the waste treatment area. Processed materials will be stored on the existing site hardstanding.

5.1.6 This activity will take place in the existing permit boundary and the proposed extension to the permit boundary.

5.1.7 Products produced will be in accordance with the relevant End of Waste Protocol. The resultant materials will be tested in accordance with the WRAP Quality Protocol in order to determine whether they have met end of life test and as such cease to be classified as waste. These materials will be stored on hardstanding.

5.1.8 The results of the testing will determine the destination of the material in accordance with the End of Waste Protocol.

5.1.9 The stockpile will remain on site until such time as sufficient volume is acquired for it to be removed from site to the receiving site and in any case no longer than the period identified within the Environmental Permit.

Soil Washing Facility

5.1.10 Upon arrival, all loads will be inspected by site management and any large or nonconforming materials will be removed prior to treatment. All stockpiles on site will be stored in a loose form. All soil washing activities will be undertaken on hard standing.

5.1.11 Materials will be fed into a hopper with the assistance of mobile plant and will then travel along a conveyor, at which point any small pieces of scrap metal which may be present within the waste loads will be removed using an overband magnet.

5.1.12 Any oversize materials (particles 100mm - 150mm) will be removed via a screener subject to materials feed.

5.1.13 The remaining waste material, varying in size depending on market demands, will then travel along a log washer where it will be sprayed with wash water. After passing along the log washer, the clean waste materials will be separated into smaller fractions via a gravel sizing screen.

5.1.14 The sand and silt fraction together with most of the water passes through screen and enters a sump from where it is pumped into a hydrocyclone or plate press, which will separate the sand from any contaminants. The water will be recirculated back into the washing process.

5.1.15 This activity will be temporarily undertaken in the extension area to the northwest using a mobile wash plant awaiting the construction of the main wash plant in the existing permitted area.

5.1.16 All outputs from the Soil Washing Facility will be classed as products. However, any waste from the site will be categorised as set out in WM3 in accordance with Section 5.1 of the Appropriate Measures.

5.1.17 All treatment activities will be undertaken in accordance with Section 5 of the Appropriate Measures. The site will have accurate and up-to-date written details of the treatment and abatement and control equipment utilised. Information about the characteristics of the waste to be treated and the waste treatment processes include: -

- Simplified process flow sheets that show the origin of the emissions;
- Diagrams of the main plant items where they have environmental relevance, for example, storage, tanks, treatment and abatement plant design;
- Details of physical processes e.g. separation, compaction, shredding, heating, cooling or washing;
- An equipment inventory, detailing in plant type and design parameters;
- Waste types to be subjected to the process;
- The control system philosophy and how the control system incorporates environmental monitoring information;
- Process flow diagrams (Provided within Appendix C of the Operating Techniques);
- The hourly processing capability of waste treatment equipment; and
- Summary of operating and maintenance procedures.

5.1.18 Hanson will maintain details of the measures to be taken during abnormal operating conditions to make sure they continue to comply with permit conditions. Abnormal operating conditions include the following: -

- Unexpected releases;
- Start-up;
- Momentary stoppages; and,
- Shutdown.

6.0 Emissions Control

6.0.1 All emissions control procedures will be undertaken in accordance with Section 6 of the Appropriate Measures.

6.1 Point Source Emissions to Air

6.1.1 In accordance with Section 6.2 of the Appropriate Measures, the site will characterise the emissions to air sufficiently to ensure the chosen abatement systems are effective.

6.1.2 To reduce point source emissions to air for dust compounds, an appropriate combination of abatement techniques will be in place. The dust abatement equipment on site includes tractor bowser and fixed-point dust suppression.

6.1.3 Measures will be implemented on site to further prevent the risk of a potential adverse impact on sensitive receptors. Such measures are provided in the following management plans: -

- Dust Management Plan (Appendix E of the Environmental Permit Application);
- Environmental Risk Assessment (Appendix D of the Environmental Permit Application); and,
- Noise Management Plan (Appendix F of the Environmental Permit Application).

6.2 Fugitive Emissions to Air (Including Odour)

6.2.1 In accordance with Section 6.3 of the Appropriate Measures, fugitive emissions to air, including dust, mud, litter, odour and noise and vibration will be prevented and minimised.

6.2.2 Fugitive emissions to air have been identified as a potential environmental risk resulting from the proposal, as detailed in the Environmental Risk Assessment that accompanies this application as Appendix D.

6.2.3 An appropriate maintenance programme will be in place to cover all buildings, plant, and equipment. The programme will include: -

- A leak detection and repair programme to identify and mitigate any fugitive emissions of organic compounds from treatment plant and associated infrastructure; and,
- Regular inspection and cleaning of all waste storage and treatment areas and equipment (including conveyor belts).

6.2.4 Weather conditions will be logged, including temperature, wind speed and direction, and description of any precipitation to identify when dispersion conditions are poor.

6.2.5 Measures will be implemented on site to further prevent the risk of a potential adverse impact on sensitive receptors. Such measures are provided in the following management plans: -

- Dust Management Plan (Appendix E of the Environmental Permit Application);
- Environmental Risk Assessment (Appendix D of the Environmental Permit Application); and,
- Noise Management Plan (Appendix F of the Environmental Permit Application).

6.2.6 It is anticipated that, due to the nature of the waste accepted on site, the risk of odour is minimal. Therefore, an Odour Management Plan has not been prepared as part of this application.

6.3 Pests

6.3.1 Due to the nature of wastes accepted on site, the risk of pests is minimal.

6.3.2 In accordance with Section 6.6 of the Appropriate Measures, pests have been identified as a potential environmental risk resulting from the proposal, as detailed in the Environmental Risk Assessment that accompanies this application as Appendix D.

6.4 Noise and Vibration

6.4.1 In accordance with Section 6.3 of the Appropriate Measures, a Noise Management Plan (NMP) has been prepared to describe the measures that will be in place to minimise the risk of noise from the proposed activities. The NMP is provided as Appendix F of the Environmental Permit application.

6.5 Fugitive Emissions to Land and Water

6.5.1 Fugitive emissions to land and water have been identified as a potential environmental risk resulting from the proposal, as detailed in the Environmental Risk Assessment that accompanies this application as Appendix D.

7.0 Process Efficiency

7.1 Energy Efficiency

7.1 This Environmental Permit Variation Application does not include proposals for an installation, therefore Section 8 of the Appropriate Measures does not apply.

7.2 The energy requirements of the facility are very low and are mainly associated with outdoor lighting within the permitted area.

7.3 In line with the Environmental Management System (EMS), basic energy saving measures are adopted and continually reviewed. This includes measures such as: -

- Efficient use of plant to avoid unnecessary ignition;
- Plant to be switched off when not in use; and,
- Regular maintenance of all plant.

7.2 Waste Minimisation, Recovery and Disposal

7.2.1 It is crucial to note that the site outputs comprise of product only.

7.2.2 As required under the Environmental Permit, Hanson will have a programme of waste minimisation audits to ensure that an audit is carried out at least once every 4 years. Audits will include the following: -

- Methodology used;
- Analysis of raw materials used;
- Assessment of opportunities for reduction; and,
- An action plan for improvements.

7.2.3 The audit will be submitted to the EA within 2 months of completion.

7.2.4 Data will be incorporated for each principal stage of the operation, which will enable the calculation of the actual mass balance of the operation. This will then be used to assess opportunities to improve efficiency and reduce waste production. Hanson adopts the waste hierarchy to reach the requirement of waste minimisation.

8.0 Accident Management

8.1.1 All necessary measures will be taken to prevent the occurrence of accidents. The types of accidents and the potential environmental consequences associated with them have been identified in the Environmental Risk Assessment that accompanies this application.

8.1.2 It is considered that the most significant risk associated with the site is the unauthorised acceptance of non-compliant waste types. The waste acceptance procedures listed in Section 3 of this document aim to control and minimise this risk.

8.2 Fire Control

8.2.1 Due to the non-combustible nature of the waste accepted at the site, a Fire Prevention Plan is not required to support the application.

8.2.2 Firefighting equipment of a suitable type shall be kept at appropriate locations as advised by the Health and Safety Manager or the local Fire Service. All firefighting equipment shall be kept in good condition, unobstructed and be serviced by a competent person. The site will be designated as a "no smoking area" and signed accordingly.

8.2.3 Any fire on the site will be treated as an emergency and will be extinguished at the earliest opportunity. If necessary, the Fire Service will be summoned. Any incidents of fire will be reported to the EA and recorded in the Site Diary.

8.3 Maintenance Procedures

8.3.1 A Planned Preventative Maintenance programme (PPM) will be put in place to minimise the risk to safety, health, and the environment by ensuring that all appropriate items and elements within the site are serviced and inspected on a regular basis or to the manufacturers' maintenance schedules.

8.3.2 Details of faults, breakdowns and repairs are documented, and records are maintained at the site office. Faults and breakdowns will be investigated, and the service schedule revised if necessary.

8.4 Spillage Procedure

8.4.1 There will be no waste oils accepted on site.

8.4.2 The most likely source for spillages will be from spillages of fuel/oil associated with site plant or vehicles.

8.4.3 In the event of a spillage of fuel/oil from site plant or vehicles, the following procedures will be implemented: -

- Clear the area straight away;
- Lay absorbent granules over the spill to soak up the spillage;

- Use Personal Protective Equipment (PPE) provided on site if required;
- Once the liquid has all been absorbed use a shovel to clear up the waste, put it in a plastic sack and then place it in the container for non-compliant waste for disposal at a suitably permitted facility; and,
- A record of the spill incident and remedial action taken will be recorded in the Site Diary.

8.4.4 Spillage kits will be maintained on site in order to respond to any spillage incident. The spillage kits will be stored strategically around the site to ensure their availability.

9.0 Site Management

9.1 Technical Competence

9.1.1 The nominated person possesses the required level of technical competence which is provided as part of Appendix A of the Environmental Permit Variation Application.

9.1.2 All site operatives will be adequately trained in health, safety, and environmental issues. Staff will only be permitted to undertake activities that they have been trained for. They will be made aware of the procedures they must follow in the event of an accident or incident and will be able to access any relevant documentation that they may require. All training, experience and qualifications of staff will be noted, and these records will be maintained and kept up to date.

9.1.3 Staff competence will be managed in accordance with the Staff Competency and Training Plan that forms part of the site's management system.

9.2 Environmental Management System

9.2.1 As noted in the EA's 'Develop a Management System: Environmental Permits' guidance, all permitted facilities are required to have an Environmental Management System (EMS) to describe the procedures in place to minimise the risk of pollution from the activities covered in the environmental permit.

9.2.2 Hanson have an Environmental Management System in place which meets the requirements of the EA's 'Develop a management system: environmental permits' guidance. A summary of the EMS is provided in Appendix D.

9.2.3 All site operatives would be adequately trained in health, safety, and environmental issues. Staff would only be permitted to undertake activities that they have been trained for. They would be made aware of the procedures they must follow in the event of an accident or incident and would be able to access any relevant documentation that they may require. All training, experience and qualifications of staff would be noted, and these records would be maintained and kept up to date.

10.0 MANAGEMENT OF DOCUMENTATION

10.1 Record Keeping

10.1.1 Hanson have an EMS which includes procedures for the management of documentation.

10.1.2 A record will be kept that provides details on all waste inputs at the site. This will include details on waste types, quantities, and the origin. This will be provided to the EA at three-monthly intervals, within one month of the end of each period. A record of basic waste characterisation and any compliance testing or on-site verification will be maintained in the site office.

10.1.3 A site diary style recording system will be kept in the site office at all times, and this will be updated daily. The diary will be used to record any accidents, incidents, or complaints. This will provide an ongoing record throughout the period of operation at the site, and this will enable any investigative or corrective action that may be required.

10.1.4 The Environmental Permit and other documents containing information regarding the operation of the site will be kept in a convenient location, allowing access for any person that may be working at or visiting the site.

11.0 INCIDENT AND NON-CONFORMANCES

11.1 Hanson have procedures for investigating and recording any incidents and non-conformances at the site, and for taking any corrective action. Hanson have an EMS which this includes procedures for handling incidents and non-conformances.

11.2 The following types of incidents will require investigation:-

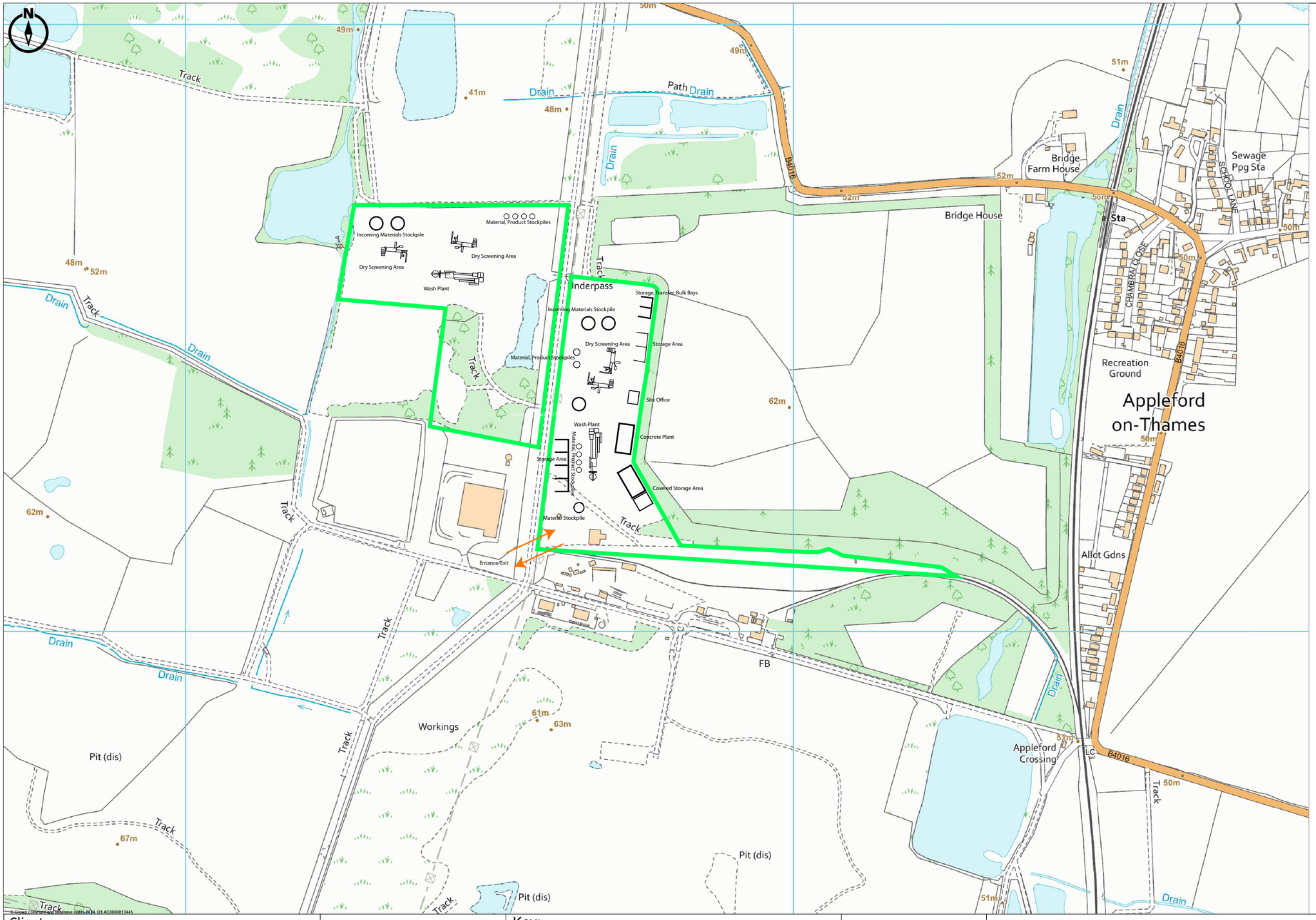
- Malfunction, breakdown or failure of plant and equipment;
- Deviation from site procedures and operating techniques;
- Near misses; and,
- Complaints from external parties.

11.3 All staff will be trained to detect and report any such occurrences. Procedures will be taken to allow operations to resume and preventative measures may be put in place to ensure that the incident does not reoccur.

Drawings

APP/B066441/LAY/01 – Site Layout Plan

APP/B066441/PER/01 – Permit Boundary Plan

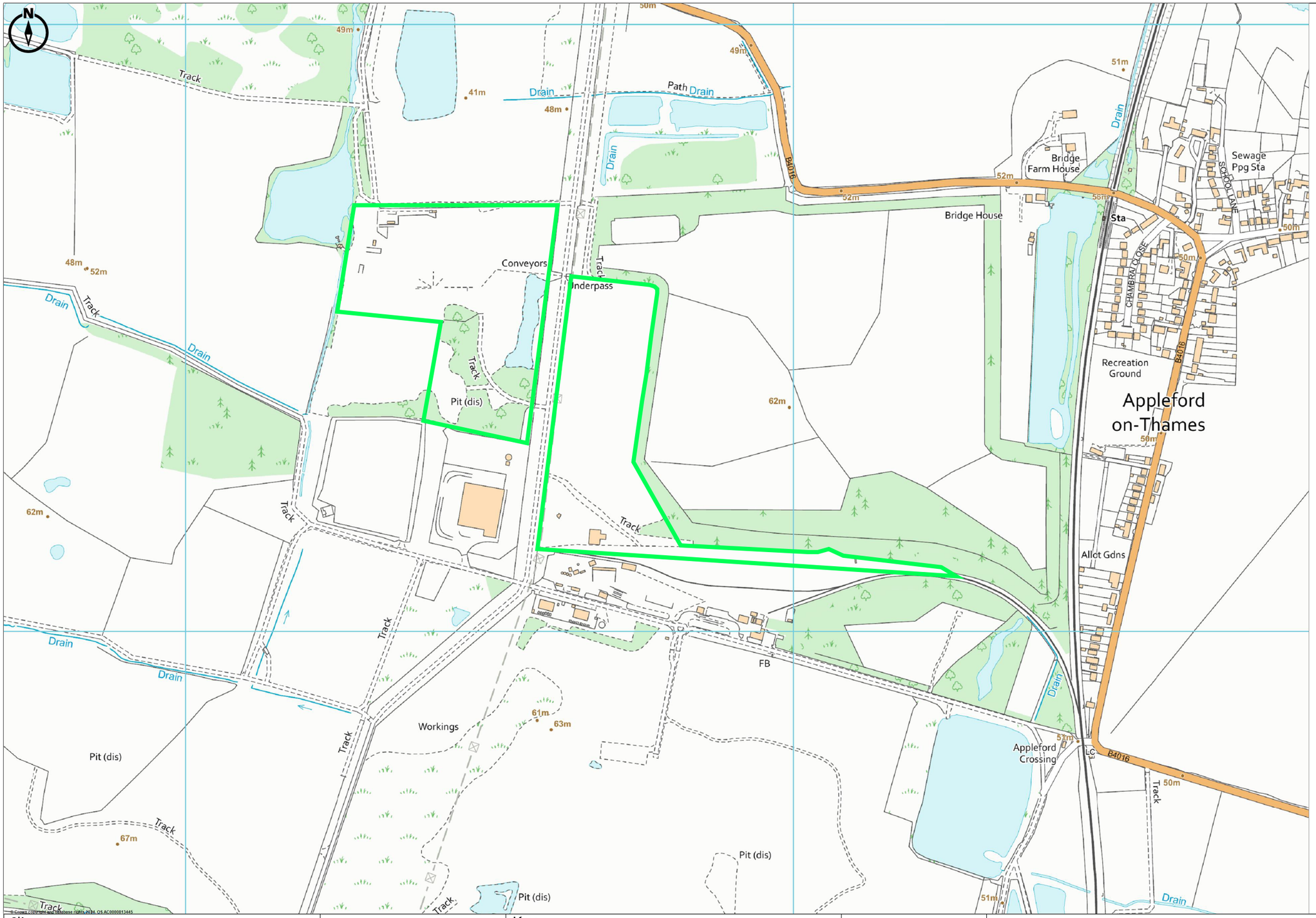


Client: Hanson Quarry Products	Created: GA Checked: LS	Key: ENVIRONMENTAL PERMIT BOUNDARY
Project: Appleford Recycling Facility	Date: 28/06/2024	
Title: Site Layout Plan	Version: 1	
Drawing No: APP/B066441/LAY/01	Scale: 1:25,000	

2nd Floor,
11 York Street,
Manchester,
M2 2AW

+44 161 874 4659

TETRA TECH



Client: Hanson Quarry Products	Created: GA Checked: LS	Key: ENVIRONMENTAL PERMIT BOUNDARY	N W E S
Project: Appleford Recycling Facility	Date: 15/05/2024		
Title: Permit Boundary Plan	Version: 1		
Drawing No: APP/B066441/PER/01	Scale: 1:25,000		

2nd Floor,
11 York Street,
Manchester,
M2 2AW

+44 161 874 4659

TETRA TECH

Appendix A - Waste Types

Table A1: Physical Treatment Facility Waste Types Currently Permitted

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 mentioned in 01 04 07
01 04 09	Waste sand and clays
10	**WASTES FROM THERMAL PROCESSES**
10 01	**Wastes from power stations and other combustion plants (except 19)**
10 01 01	Bottom ash and slag only
10 01 02	Pulverised fuel ash only
10 11	**Waste 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 processes)
10 13	**Wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 14	Waste concrete only
15	**WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
15 01	**Packaging (including separately collected municipal waste 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 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 08	Track ballast, soil and stones other than those mentioned in 17 05 07
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	Clean glass only

20 02	**Garden and park wastes (including cemetery waste)**
20 02 02	Soil and stones

Table A2: Soil Washing Activity Proposed Waste Types

EWC Code	Description	Restriction
01	**WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS**	
01 04	**Wastes from physical and chemical processing of non-metafillerous minerals**	
01 04 08	Waste gravel and crushed rocks other than those mentioned in 04 04 06	
01 04 09	Waste sand and clay	
01 04 13	Wastes from stone cutting and sawing other than those mentioned in 01 04 07	
10	**WASTES FROM THERMAL PROCESSES**	
10 11	**Wastes from manufacture of glass and glass products**	
10 11 12	Waste that as 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, brick, 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 that as waste concrete and concrete sludge	
17	**CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**	
17 01	**Concrete, bricks, tiles and ceramics**	
17 01 01	Concrete	Selected C&D waste only
17 01 02	Bricks	Selected C&D waste only
17 01 03	Tiles and ceramics	Selected C&D waste only

17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	Selected C&D waste only. Metal from reinforced concrete must have been removed.
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	Excluding topsoil, peat; excluding soil and stones from contaminated sites
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	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	
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 01	**Wastes from incineration or pyrolysis of waste**	
19 01 02	Ferrous materials removed from bottom ash	
19 01 11*	Waste that as bottom ash and slag containing hazardous substances	
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11	
19 01 14	Fly ash other than those mentioned in 19 01 13	
19 01 16	Boiler dust other than those mentioned in 19 01 15	
19 01 18	Pyrolysis wastes other than those mentioned in 19 01 17	
19 01 19	Sands from fluidized beds	
19 02	**Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**	
19 02 06	Waste that as sludges from physico/chemical treatment other than those mentioned in 19 02 05	

19 12	**Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**	
19 12 09	Minerals only	Wastes from the treatment of waste aggregates that are otherwise naturally occurring minerals. 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 other mechanical treatment of wastes other than those mentioned in 19 12 11	Including but not limited to IBAA
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 02	**Garden and park wastes (including cemetery waste)**	
20 02 02	Soil and stones	Only from garden and parks waste; excluding topsoil, peat.

Appendix B – ISO 14001 Certificate

Certificate of Conformity

CPC
Construction
Products
Certification

Hanson Quarry Products Europe Ltd

**Hanson House, 14 Castle Hill, Maidenhead,
Berkshire SL6 4JJ**

The Environmental Management System in operation at the locations shown on the attached schedule for the following scope of activities:

Quarrying, marine dredging, processing and distribution of aggregates, production of asphalt mixes, ready mixed concrete, mortar and natural stone products

is certified to conform to the following management system standard:

BS EN ISO 14001:2015

This Certificate is issued within the scope of the UKAS accreditation of CPC

Certificate No: CP E 00022 – Issue 3

Colin Head
Chief Executive

Date Authorised: 15 March 2023
Date of original certificate: 10 March 2004

THIS CERTIFICATE IS VALID FROM 17 MARCH 2023 TO 31 DECEMBER 2025

subject to continued compliance with the above standard as confirmed by routine surveillance. Confirmation of the current status of Certification may be obtained by enquiry to the CPC Central Records Office.

Construction Products Certification is an operating division of the Quality Scheme for Ready Mixed Concrete. A UKAS accredited certification body

1 Mount Mews
High Street, Hampton
Middlesex TW12 2SH
Telephone: 020 8481 9640
Facsimile: 020 8979 4558
www.qsrmc.co.uk

UKAS MANAGEMENT SYSTEMS
009

Certificate Schedule

(attached to and forming part of Certificate No: CP E 00022)

Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
ABERGELE	Nant Du Road, St George, Abergele, Conway LL22 9BD	The production of aggregates
ALLINGTON	20/20 Industrial Estate, St Lawrence Avenue, Allington, Maidstone, Kent ME16 0LQ	The production of aggregates
APPLEFORD	Sutton Courtenay Quarry, Appleford, Abingdon, Oxfordshire OX14 4PP	The production of aggregates
ARDINGLY	Ardingly Depot College Road, Ardingly, Haywards Heath, West Sussex RH17 6SH	The production of aggregates
AUCKLEY	Hurst Lane, Auckley, Doncaster DN9 3HQ	The production of aggregates
AUSTERFIELD	Highfield Lane, High Street, Austerfield, Nr Doncaster, South Yorkshire DN10 6RG	The production of aggregates
AVONMOUTH	St Andrews Road, Avonmouth, Bristol BS11 9HS	The production of aggregates
BARTON	Off Walton Lane, Barton-under-Needwood, Staffordshire DE13 8EJ	The production of aggregates
BASTON 2	Outgang Road, Langtoft, Peterborough, Cambridgeshire PE6 9QA	The production of aggregates
BATTS COMBE	Warrens Hill, Cheddar, Somerset BS27 3LR	The production of aggregates
BIRCH	Roundbush Corner, Maldon Road, Layer Marney, Colchester, Essex CO5 9XE	The production of aggregates
BRAYFORD (BRAY VALLEY)	Barton Wood Quarry, Brayford, Barnstaple, Devon EX32 7QB	The production of aggregates
BRIDGEND (LITHALUN)	Ewenny, Bridgend CF35 5AN	The production of aggregates
BUILTH	Builth Wells, Powys LD2 3UB	The production of aggregates

Certificate Schedule

(attached to and forming part of Certificate No: CP E 00022)

Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
BULLS LODGE	Generals Lane, Boreham, Chelmsford, Essex CM3 3HR	The production of aggregates
CEFN MAWR	Cadpole Road, Pantybuarth, Mold, Flintshire CH7 5EA	The production of aggregates
CHEADLE (FREEHAY)	Freehay Road, Freehay, Staffordshire ST10 1TR	The production of aggregates
CHIPPING SODBURY	Wickwar Road, Chipping Sodbury, Bristol BS37 6AY	The production of aggregates
COLN (LECHLADE)	Coln Gravel, Claydon Pike, Lechlade, Gloucestershire GL7 3DT	The production of aggregates
CONDOVER	Norton Farm, Condover, Shrewsbury, Shropshire SY5 7AR	The production of aggregates
CRAIG-YR-HESG	Berw Road, Pontypridd, CF37 3BG	The production of aggregates
CRIGGION	Criggion Quarry, Shrewsbury, Powys, SY5 9BA	The production of aggregates
DAGLINGWORTH	Gloucester Road, Daglingworth, Cirencester, Gloucestershire GL7 7JB	The production of aggregates
EARLS BARTON	Grendon Road, Earls Barton, Northampton NN6 0PE	The production of aggregates
GELLIGAER	Trelewis, Treharris, Mid Glamorgan CF46 6TA	The production of aggregates
HINGSTON	Hingston Down Quarry, Gunnislake, Cornwall PL18 9AU	The production of aggregates
HORTON	Horton-in-Ribblesdale, Nr Settle, North Yorkshire BD24 OHR	The production of aggregates
INGLETON	Ingleton Quarry, Ingleton via Carnforth, Lancashire LA6 3AW	The production of aggregates
KEEPERSHIELD	Keepershield Quarry, Humshaugh, Nr Hexham, Northumberland NE46 4BB	The production of aggregates

Certificate Schedule

(attached to and forming part of Certificate No: CP E 00022)

Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
LOW GELT	Low Gelt Quarry, Low Gelt Bridge, Brampton, Carlisle, Cumbria CA8 1CY	The production of aggregates
MACHEN	Machen, Near Newport CF83 8YP	The production of aggregates
MANOR FARM	Manor Farm, Haversham Road, Wolverton, Milton Keynes MK12 5NN	The production of aggregates
MASTERS PIT QUARRY	Binnegar, Wareham, Dorset BH20 6AH	The production of aggregates
MERCASTON	Mercaston Lane, Mercaston, Derbyshire DE6 4SQ	The production of aggregates
NEEDINGWORTH	Needingworth Road, Bluntisham, Huntingdon, Cambridgeshire PE17 3RJ	The production of aggregates
PATELEY BRIDGE	Coldstones Quarry, Greenhow Hill, Pateley Bridge, Harrogate, North Yorkshire HG3 5JQ	The production of aggregates
PENDERYN	Penderyn, Near Aberdare CF44 0TX	The production of aggregates
PENMAENMAWR	Penmaenmawr Quarry, Bangor Road, Penmaenmawr, Conwy LL34 5NA	The production of aggregates
POTTAL POOL	Teddesley Hay, Penkridge, Staffordshire ST19 5RR	The production of aggregates
RIPON	Ure Valley Quarry, North Stainley, Ripon, North Yorkshire HG4 3HT	The production of aggregates
SHAP	Shap Beck Quarry, Shap, Penrith, Cumbria CA10 2NX	The production of aggregates
SHARDLOW	Aston Lane, Aston-on-Trent, Derby DE72 2SP	The production of aggregates
VICTORIA DEEP	The Weighbridge, Victoria Deep Water Terminal, 231 Tunnel Avenue, North Greenwich, London SE10 0QE	The production of aggregates
WEST DRAYTON	West Drayton Depot, Stockley Road, West Drayton, Middlesex UB7 8NF	The production of aggregates

Certificate Schedule

(attached to and forming part of Certificate No: CP E 00022)

Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
WHATLEY	Whatley Quarry, Frome, Somerset BA11 3LF	The production of aggregates
WHITEBALL	Whiteball Quarry, Whiteball, Nr Wellington, Somerset TA21 0LY	The production of aggregates
WYKEHAM	Wykeham Quarry, Wykeham, Scarborough, North Yorkshire YO13 9QU	The production of aggregates
APPLEDORE	Bidna Yard, Hubbastone Road, Appledore, Bideford, Devon EX39 1LZ	The receipt and/or processing of aggregates
BRIDGWATER (DUNBALL)	Puriton, Bridgwater, Somerset TA6 4EJ	The receipt and/or processing or marine dredged aggregates
CARDIFF WHARF	Roath Dock Road, Cardiff CF10 4ED	The receipt and/or processing or marine dredged aggregates, the production of concrete or mortar
DAGENHAM	Dagenham Wharf, Dagenham Dock Road, Chequers Lane, Dagenham, Essex RM9 6QD	The receipt and/or processing of aggregates
EXETER	St David's Rail, Sidings, Riverside Yard, Exeter, Devon EX4 4AP	The receipt and/or processing of aggregates
FELNEX NEWPORT	Felnex Industrial Estate, East Bank Road, Newport NP9 0PP	The receipt and/or processing of aggregates
FRINDSBURY	Frindsbury Wharf, Anthony's Way, Medway City Estate, Rochester, Kent ME2 4EN	The receipt and/or processing of aggregates
GARSTON	Garston Docks, Liverpool L19 2JW	The receipt and/or processing of aggregates
KIDLINGTON	Kidlington Siding, Banbury Road, Nr Kidlington, Oxfordshire OX2 8HA	The receipt and/or processing of aggregates
READING (THEALE)	Wigmore Lane, Theale, Reading, Berkshire RG7 5HG	The receipt and/or processing of aggregates
SOUTHAMPTON	Burnley Wharf, Marine Parade, Southampton SO14 5JF	Marine dredging of aggregates

Certificate Schedule

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Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
ALLINGTON	20/20 Industrial Estate, St Lawrence Avenue, Allington, Maidstone, Kent ME16 0LQ	The production of asphalt mixes
APPLEFORD	Sutton Courtenay Quarry, Appleford, Abingdon, Oxfordshire OX14 4PP	The production of asphalt mixes
ARDINGLY	Ardingly Depot College Road, Ardingly, Haywards Heath, West Sussex RH17 6SH	The production of asphalt mixes
BATTS COMBE	Warrens Hill, Cheddar, Somerset BS27 3LR	The production of asphalt mixes
BRADFORD	Common Road, Low Moor, Bradford, West Yorkshire BD12 OSW	The production of asphalt mixes
BRAYFORD (BRAY VALLEY)	Barton Wood Quarry, Brayford, Barnstaple, Devon EX32 7QB	The production of asphalt mixes
BUILTH	Builth Wells, Powys LD2 3UB	The production of asphalt mixes
BULLS LODGE	Generals Lane, Boreham, Chelmsford, Essex CM3 3HR	The production of asphalt mixes
CRAIG-YR-HESG	Berw Road, Pontypridd, Mid Glamorgan CF37 3BG	The production of asphalt mixes
CRIGGION	Criggion Quarry, Shrewsbury, Powys SY5 9BA	The production of asphalt mixes
DAGENHAM	Dagenham Wharf, Dagenham Dock Road, Chequers Lane, Dagenham, Essex RM9 6QD	The production of asphalt mixes
HINGSTON	Hingston Down Quarry, Gunnislake, Cornwall PL18 9AU	The production of asphalt mixes
KEEPERSHIELD	Humshaugh, Nr Hexham, Northumberland NE46 4BB	The production of asphalt mixes
LEEDS	South Accomodation Road, Leeds, West Yorkshire LS9 ORT	The production of asphalt mixes

Certificate Schedule

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Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
PATELEY BRIDGE	Coldstones Quarry, Greenhow Hill, Pateley Bridge, Harrogate, North Yorkshire HG3 5JQ	The production of asphalt mixes
PENDERYN	Penderyn, Near Aberdare CF44 0TX	The production of asphalt mixes
PENMAENMAWR	Penmaenmawr Quarry, Bangor Road, Penmaenmawr, Conwy LL34 5NA	The production of asphalt mixes
RUNCORN	Aram Wharf, Percival Lane, Runcorn, Cheshire WA7 4UY	The production of asphalt mixes
SHAP	Shap Beck Quarry, Shap, Penrith, Cumbria CA10 2NX	The production of asphalt mixes
SOUTHAMPTON (TOTTON)	Eling Wharf, Totton, Southampton SO40 4TE	The production of asphalt mixes
TYTHERINGTON	Wotton under Edge, Gloucestershire GU12 8UW	The production of asphalt mixes
TYTHERINGTON MOBILE	Wotton under Edge, Gloucestershire GU12 8UW	The production of asphalt mixes
WEST DRAYTON	West Drayton Depot, Stockley Road, West Drayton, Middlesex UB7 8NF	The production of asphalt mixes
WHATLEY	Whatley Quarry, Frome, Somerset BA11 3LF	The production of asphalt mixes
WIGAN (ASHTON)	Edge Green Road, Ashton in Makerfield, Wigan WN4 8YA	The production of asphalt mixes
ABBEY MILLS	MCP UK X DCM96-2, Abbey Mills Pumping Station, Gay Road, London E16 2RN	The production of concrete or mortar
ACTON	British Rail Goods Yard, Horn Lane, Acton, London W3 0EP	The production of concrete or mortar
AINTREE	Hartley's Avenue, Hartley's Village, Aintree, Liverpool L9 7DB	The production of concrete or mortar
AIRDRIE	Petersburn Road, Airdrie, Lanarkshire ML6 6UU	The production of concrete or mortar

Certificate Schedule

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Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
ALLERTON PARK	Allerton Park, Knaresborough, North Yorkshire HG5 OSD	The production of concrete or mortar
ALTRINHAM	Atlantic Street, Broadheath, Altrinham, Cheshire WA14 5DD	The production of concrete or mortar
ANDOVER	Shepherds Spring Lane, Andover, Hampshire SP10 1DL	The production of concrete or mortar
APPLEDORE	Bidna Yard, Hubbastone Road, Appledore, Bideford, Devon EX39 1LZ	The production of concrete or mortar
ASHBOURNE	Moor Farm Road East, Ashbourne Airfield Industrial Estate, Ashbourne, Derbyshire DE6 1HA	The production of concrete or mortar
ASHFORD	Leacon Road, Fairwood Industrial Estate, Ashford, Kent TN23 3TX	The production of concrete or mortar
AUCKLEY	Hurst Lane, Auckley, Doncaster DN9 3HQ	The production of concrete or mortar
AVONMOUTH	St Andrews Road, Avonmouth, Bristol BS11 9HS	The production of concrete or mortar
AVONMOUTH 2	Avonmouth Marine Terminal, Royal Edward Dock, Avonmouth, Bristol BS11 9BT	The production of concrete or mortar
AYLESBURY	Rabans Lane, Aylesbury, Buckinghamshire HP19 3RT	The production of concrete or mortar
BAMBER BRIDGE	Charnley Fold Lane, Bamber Bridge, Preston, Lancashire PR5 6QD	The production of concrete or mortar
BASINGSTOKE	Swing Swang Lane, Daneshill Industrial Estate, Basingstoke RG24 ONR	The production of concrete or mortar
BATTERSEA	Kirtling Street, Nine Elms, London SW8 5BP	The production of concrete or mortar
BATH	Newbridge Road, Bath BA1 3HH	The production of concrete or mortar

Certificate Schedule

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Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
BEACONSFIELD	Springfield Farms, Broad Lane, Hotspur, Beaconsfield, Buckinghamshire HP9 1XD	The production of concrete or mortar
BEDFORD	Cople Turn, Sandy Road, Cople, Bedfordshire MK44 3TP	The production of concrete or mortar
BEDWORTH	Bayton Road, Exhall, Coventry CV7 9PH	The production of concrete or mortar
BIRMINGHAM	Landor Street, Birmingham, West Midlands B8 1AE	The production of concrete or mortar
BLACKBURN	Greenbank Industrial Estate, Greenbank Road, Whitebirk, Blackburn, Lancashire BB1 3HT	The production of concrete or mortar
BORDON	Picketts Hill Lane, Sleaford, nr Bordon, Hampshire GU35 8TF	The production of concrete or mortar
BOURNEMOUTH	Mannings Heath Road, Parkstone, Poole, Dorset BH12 4NQ	The production of concrete or mortar
BRIDGEND	Ewenny, Bridgend CF35 5AN	The production of concrete or mortar
BRIDGWATER	Brue Avenue, Colley Lane Industrial Estate, Bridgwater, Somerset TA6 5LT	The production of concrete or mortar
BRIDLINGTON	Pinfold Lane, Bridlington, East Yorkshire YO16 6XP	The production of concrete or mortar
BRISTOL	Victoria Road, St Phillips, Bristol BS2 0UT	The production of concrete or mortar
BUDE	Herdbury, Ivyleaf Hill, Bush, Bude, Cornwall EX23 9LD	The production of concrete or mortar
BURTON	Off Walton Lane, Barton-under-Needwood, Staffordshire DE13 8EJ	The production of concrete or mortar
BYFLEET	Wintersells Road, off Oyster Lane, Byfleet, Surrey KT14 7LF	The production of concrete or mortar

Certificate Schedule

(attached to and forming part of Certificate No: CP E 00022)

Environmental Management System Certification – ISO 14001:2015

Hanson Quarry Products Europe Ltd
Hanson House
14 Castle Hill
Maidenhead SL6 4JJ

Location	*Address*	*Activity*
CAMBRIDGE	Coldhams Lane, Cambridge CB1 3HS	The production of concrete or mortar
CANNOCK	Teddesley Hay, Penkridge, Staffordshire ST19 5RR	The production of concrete or mortar
CANNINGTON	Castle Hill Quarry, Chads Hill, Cannington, Bridgwater, Somerset TA5 2QF	The production of concrete or mortar
CANTERBURY	254 Broad Oak Road, Canterbury, Kent CT2 7QL	The production of concrete or mortar
CARDIFF ST DAVIDS	Cardiff Roath Dock Road, Cardiff CF10 4ED	The production of concrete or mortar
CARLISLE	Willowholme Industrial Estate, Carlisle, Cumbria CA2 5RZ	The production of concrete or mortar
CARMARTHEN	Plot 11 Cillefwr Industrial Estate, Johnstown, Carmarthen SA31 3RU	The production of concrete or mortar
CASTLEFORD	Carrwood Road, Carrwood Ind Estate, Castleford, West Yorkshire WF10 4PS	The production of concrete or mortar
CHAMBERS WHARF	MCP UK X DCM96-3 Chambers Wharf, Chambers Street, Bermondsey, London SE16 4XR	The production of concrete or mortar
CHANDLERS FORD	School Lane, Chandlers Ford, Hampshire SO53 3DG	The production of concrete or mortar
CHELMSFORD	Bulls Lodge, Generals Lane, Boreham, Chelmsford, Essex CM3 3HR	The production of concrete or mortar
CHELTENHAM	Tewkesbury Road, Cheltenham, Gloucestershire GL51 9PJ	The production of concrete or mortar
CHESTER	Knutsford Way, Sealand Trading Estate, Chester, Cheshire CH1 4NS	The production of concrete or mortar
CHIPPING SODBURY	Chipping Sodbury Quarry, Wickwar Road, Chipping Sodbury, Bristol BS37 6AY	The production of concrete or mortar

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Location	*Address*	*Activity*
COLCHESTER	Roundbush Corner, Maldon Road, Layer Marney, Colchester, Essex CO5 9XE	The production of concrete or mortar
COVENTRY	Torrington Avenue, Tile Hill, Coventry CV4 9AP	The production of concrete or mortar
CRAWLEY	Stephenson's Place, Three Bridges, Crawley, West Sussex RH10 1TN	The production of concrete or mortar
CROSSHANDS	Plot 9, Crosshands Business Park, Crosshands, Llanelli SA14 6RB	The production of concrete or mortar
CROYDON	Beddington Farm Road, Croydon, London CR0 4XB	The production of concrete or mortar
DAGENHAM	Dagenham Dock Road, Chequers Lane, Dagenham, Essex RM9 6QD	The production of concrete or mortar
DENBIGH	Craig Road, Denbigh, Denbighshire LL16 3YE	The production of concrete or mortar
DENHAM	Skip Lane, Harvil Road, Ickenham, Middlesex UB10 8AW	The production of concrete or mortar
DERBY	Acre Lane, Aston on Trent, Shardlow, Derbyshire DE7 2GX	The production of concrete or mortar
DRUMCHAPEL	Dalsetter Avenue, Drumchapel, Glasgow G15 8SZ	The production of concrete or mortar
EBBW VALE	Plot 12 Waun yr Pound Industrial Estate, Ebbw Vale NP3 6PL	The production of concrete or mortar
EDINBURGH	Nivensknowe Road, Loanhead, Edinburgh EH20 9AU	The production of concrete or mortar
EDMONTON	Stacey Avenue, off First Avenue, Edmonton, London N18 3PL	The production of concrete or mortar
EGREMONT	Croft Pit Yard, Bigrigg, Egremont, Cumbria CA22 2TX	The production of concrete or mortar
ELY	Angel Drove, Ely, Cambridgeshire CB6 2AY	The production of concrete or mortar
ERITH	Church Manorway, Erith, Kent DA8 1DE	The production of concrete or mortar

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Location	*Address*	*Activity*
EXETER	16 Hennock Road, Marsh, Barton, Exeter, Devon EX2 8RU	The production of concrete or mortar
FROME	Whatley, Frome, Somerset BA11 3LF	The production of concrete or mortar
GARSTON	Garston Docks, Liverpool L19 2JW	The production of concrete or mortar
GLASGOW CENTRAL	60-70 Jessie Street, Polmadie, Glasgow G42 0PG	The production of concrete or mortar
GOSPORT	Fareham Road, Gosport, Hampshire PO13 OAQ	The production of concrete or mortar
GREENHITHE	Johnsons Wharf, Crossways Boulevard, Greenhithe, Dartford DA9 9BT	The production of concrete or mortar
GREENWICH 1	231 Tunnel Avenue, North Greenwich, London SE10 0QE	The production of concrete or mortar
GREENWICH 2	231 Tunnel Avenue, North Greenwich, London SE10 0QE	The production of concrete or mortar
GUILDFORD	Riverway Estate, Peasmarsh, Guildford, Surrey GU3 1 LZ	The production of concrete or mortar
GUNNISLAKE	Hingston Down, Gunnislake, Cornwall PL18 9AU	The production of concrete or mortar
GWALCHMAI	Caer Glaw, Gwalchmai, Anglesey LL65 4PW	The production of concrete or mortar
HAILSHAM	Diplocks Way Industrial Estate, Diplocks Way, Hilsham, East Sussex BN27 3JF	The production of concrete or mortar
HAVANT	Harts Farm Way, Havant, Hampshire PO9 1JN	The production of concrete or mortar
HAVERHILL	Kedington Road, Sturmer, Haverhill, Suffolk CB9 7XR	The production of concrete or mortar
HEMEL HEMPSTEAD	River End Road, Boxmoor, Hemel Hempstead, Hertfordshire HP3 9AJ	The production of concrete or mortar
HEXHAM	Howford Quarry, Acomb, Hexham, Northumberland NE46 4RY	The production of concrete or mortar

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Location	*Address*	*Activity*
HORSHAM	Foundry Lane, Horsham, West Sussex RH13 5PX	The production of concrete or mortar
IPSWICH	Sproughton Road, Ipswich, Suffolk IP1 5AN	The production of concrete or mortar
KINGS CROSS	Freight Lane, off York Way, Kings Cross, London N1C 4AU	The production of concrete or mortar
LEEDS 1	Cross Green Way, Cross Green Industrial Estate, Leeds, West Yorkshire LS9 0SE	The production of concrete or mortar
LEEDS 2	Knowesthorpe Road, Cross Green Ind Estate, Leeds, West Yorkshire LS9 0SA	The production of concrete or mortar
LEICESTER	Newtown Linford Lane, Groby, Leicestershire LE6 0HF	The production of concrete or mortar
LEITH	24 West Shore Road, Granton, Edinburgh EH5 1QG	The production of concrete or mortar
LOW MOOR (BRADFORD)	Common Road, Low Moor, Bradford, West Yorkshire BD12 OSW	The production of concrete or mortar
LUTON	Cosgrove Way, Luton, Bedfordshire LU1 1XL	The production of concrete or mortar
MANCHESTER – RENAKER PLANT 2	Great Jackson Street, Manchester M15 4PA	The production of concrete or mortar
MARKET HARBOROUGH	Rockingham Road, Market Harborough, Leicestershire LE16 7QE	The production of concrete or mortar
MCP UK T ALQUEZAR 1	Thamesport, Grain Road, Isle of Grain, Rochester ME3 0EP	The production of concrete or mortar
MCP UK T ALQUEZAR 2	Thamesport, Grain Road, Isle of Grain, Rochester ME3 0EP	The production of concrete or mortar
MCP UK Y McCRORY KT TEESSIDE 1	Teesside Monopile, Teeswork Site, Smiths Dock Road, Middlesborough TS6 6UJ	The production of concrete or mortar
MCP UK Z McCRORY KT TEESSIDE 2	Teesside Monopile, Teeswork Site, Smiths Dock Road, Middlesborough TS6 6UJ	The production of concrete or mortar

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Location	*Address*	*Activity*
MELTON MOWBRAY	Holwell Works, Welby Road, Ashford by Melton Mowbray, Leicestershire LE14 3QX	The production of concrete or mortar
MILDENHALL	Worlington Bay Farm, Red Lodge, Elms Road, Suffolk IP28 6BS	The production of concrete or mortar
MILES PLATTING	Norton Street, Miles Platting, Greater Manchester M40 8HD	The production of concrete or mortar
MILTON KEYNES	Old Wolverton Road, Wolverton, Milton Keynes, Buckinghamshire MK12 5QP	The production of concrete or mortar
MOLD	Gas Lane, Mold, Flintshire CH7 1UR	The production of concrete or mortar
NEWBURY	Boundary Road, Newbury, Berkshire RG14 5RR	The production of concrete or mortar
NEWPORT	Felnex Industrial Estate, East Bank Road, Newport NP9 0PP	The production of concrete or mortar
NEWTON ABBOT	Royal Aller Vale, Newton Abbot, Devon TQ12 4NW	The production of concrete or mortar
NORTHAMPTON	Weedon Road Ind Est, Weedon Road, Northampton NN5 5AL	The production of concrete or mortar
NOTTINGHAM	Wigwam Lane, Hucknall, Nottinghamshire NG15 7TA	The production of concrete or mortar
OLDBURY	Roway Lane, Oldbury, Warley, West Midlands B69 3EH	The production of concrete or mortar
OLDHAM	Forge Mill Peel Street, Chadderton, Oldham, Lancashire OL9 9LN	The production of concrete or mortar
OXFORD	Horspath Road, Oxford, Oxfordshire OX4 2DP	The production of concrete or mortar
PENDERYN	Penderyn, Near Aberdare CF44 0TX	The production of concrete or mortar
PENMAENMAWR	Bangor Road, Penmaenmawr, Conwy LL34 5NA	The production of concrete or mortar

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Location	*Address*	*Activity*
PLYMOUTH	Cattedown Site, Shapters Way, Cattedown, Plymouth, Devon PL9 7HY	The production of concrete or mortar
READING 2	Theale Sidings, Wigmore Lane, Theale Reading RG7 5HG	The production of concrete or mortar
RIPON	Ure Valley, North Stainley, Ripon, North Yorkshire HG4 3HT	The production of concrete or mortar
ROCHESTER	Royal Eagle Close, Medway City Estate, Rochester, Kent ME2 4NF	The production of concrete or mortar
ROSSINGTON	Bankwood Lane, Rossington, Doncaster, South Yorkshire DN11 0PS	The production of concrete or mortar
SALFORD 1	Daniel Adamson Road, Salford M50 1DS	The production of concrete or mortar
SALISBURY	Stephenson Road, Churchfields, Salisbury, Wiltshire SP2 7QL	The production of concrete or mortar
SCARBOROUGH	Wykeham, Scarborough, North Yorkshire YO13 9QU	The production of concrete or mortar
SELLAFIELD	Sellafield, Cumbria CA20 1PG	The production of concrete or mortar
SHEFFIELD	Highbridge Forge, 918 Pennistone Road, Sheffield, South Yorkshire S6 2DL	The production of concrete or mortar
SHOREHAM	Shoreham Port, Southwick, West Sussex BN41 1DN	The production of concrete or mortar
SHREWSBURY	Mousecroft Lane, Radbrook, Shrewsbury, Shropshire SY3 9OX	The production of concrete or mortar
SITTINGBOURNE	Ridham Dock Road, Kemsley, Sittingbourne, Kent ME9 8SR	The production of concrete or mortar
SKIPTON	Skipton Rock, Embsay Road, Skipton, North Yorkshire BD23 6AB	The production of concrete or mortar
SOUTHAMPTON	Burnley (Britannia) Marine Parade, Southampton, Hampshire SO14 5JF	The production of concrete or mortar

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Location	*Address*	*Activity*
SOUTHEND	Brickfields Way, Purdeys Ind Estate, Rochford, Essex SS4 1LX	The production of concrete or mortar
ST IVES	Meadow Lane, St Ives, Cambridgeshire PE17 4BU	The production of concrete or mortar
STIRLING	Whitehouse Road, Springkerse Industrial Estate, Stirling FK7 7SP	The production of concrete or mortar
STOCKTON-ON-TEES 3	Blue House Point Road, Stockton-on-Tees, Durham TS18 2PH	The production of concrete or mortar
STOKE-ON-TRENT	Mossfield Industrial Estate, Mossfield Road, Stoke on Trent ST3 5BW	The production of concrete or mortar
SUTTON COURTENEY	Sutton Courtenay, Appleford, Abingdon, Oxfordshire OX14 4PP	The production of concrete or mortar
SWANSEA	Enterprise Park, Morriston, Swansea SA6 8QL	The production of concrete or mortar
SWINDON	Bramble Close, Elgin, Swindon, Wiltshire SN2 6DW	The production of concrete or mortar
TAUNTON	Priorswood Trading Estate, Taunton, Somerset TA2 8DG	The production of concrete or mortar
TEESPORT	Teesport Grange town, Middlesbrough, Cleveland TS6 6UF	The production of concrete or mortar
THEALE	Wigmore Lane, Theale, Reading, Berkshire RG7 5HH	The production of concrete or mortar
TIVERTON	Howden Ind Estate, Tiverton, Devon EX16 5EY	The production of concrete or mortar
TUNBRIDGE WELLS	Clifton Road, Tunbridge Wells, Kent TN2 3AU	The production of concrete or mortar
WAKEFIELD	Calder Vale Road, Wakefield WF1 5PE	The production of concrete or mortar
WALLASEY	Dock Road, Nr Old Gorsey Lane, Wallasey, Merseyside L41 1ES	The production of concrete or mortar
WANDSWORTH	Pier Terrace, Jews Road, Wandsworth, London SW18 1TB	The production of concrete or mortar

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Location	*Address*	*Activity*
WARE	Marsh Lane, Ware, Hertfordshire SG12 9QQ	The production of concrete or mortar
WARRINGTON	Gatewarth Ind Estate, Sankey Bridge, Warrington WA5 1DS	The production of concrete or mortar
WASHINGTON	Wilden Road, Pattinson Ind Estate District 8, Washington NE38 8QA	The production of concrete or mortar
WEEFORD	Moneymore Farm, Canwell, Sutton Coldfield, Weeford, West Midlands B75 5SX	The production of concrete or mortar
WELLINGBOROUGH	Sanders Road, Finedon Road Industrial Estate, Wellingborough, Northamptonshire NN8 4NL	The production of concrete or mortar
WEST DRAYTON	Stockley Road, West Drayton,Middlesex UB7 9FN	The production of concrete or mortar
WEST HOUGHTON	Pendlebury, Fold Bolton, Gtr Manchester BL3 4SF	The production of concrete or mortar
WIGAN	23 Queen Street, Wigan, Gtr Manchester WN3 4DZ	The production of concrete or mortar
WIMBLEDON	Archway Close, Endeavour Way, Durnsford Road, Wimbledon, London SW19 8UH	The production of concrete or mortar
WINSFORD	Deakins Lane, Off Smoke Hall Lane Industrial Estate, Winsford, Cheshire CW7 3BJ	The production of concrete or mortar
WOLVERHAMPTON	Foxes Lane, Wolverhampton, West Midlands WV1 1PA	The production of concrete or mortar
WORCESTER	Sherriff Street, Worcester WR4 9AB	The production of concrete or mortar
WREXHAM	Llan-Y-Pwll, Holt Road, Wrexham LL13 9SA	The production of concrete or mortar
YEOVIL	Buckland Road, Pen Mill Industrial Estate, Yeovil, Somerset BA21 5EA	The production of concrete or mortar

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Hanson Quarry Products Europe Ltd
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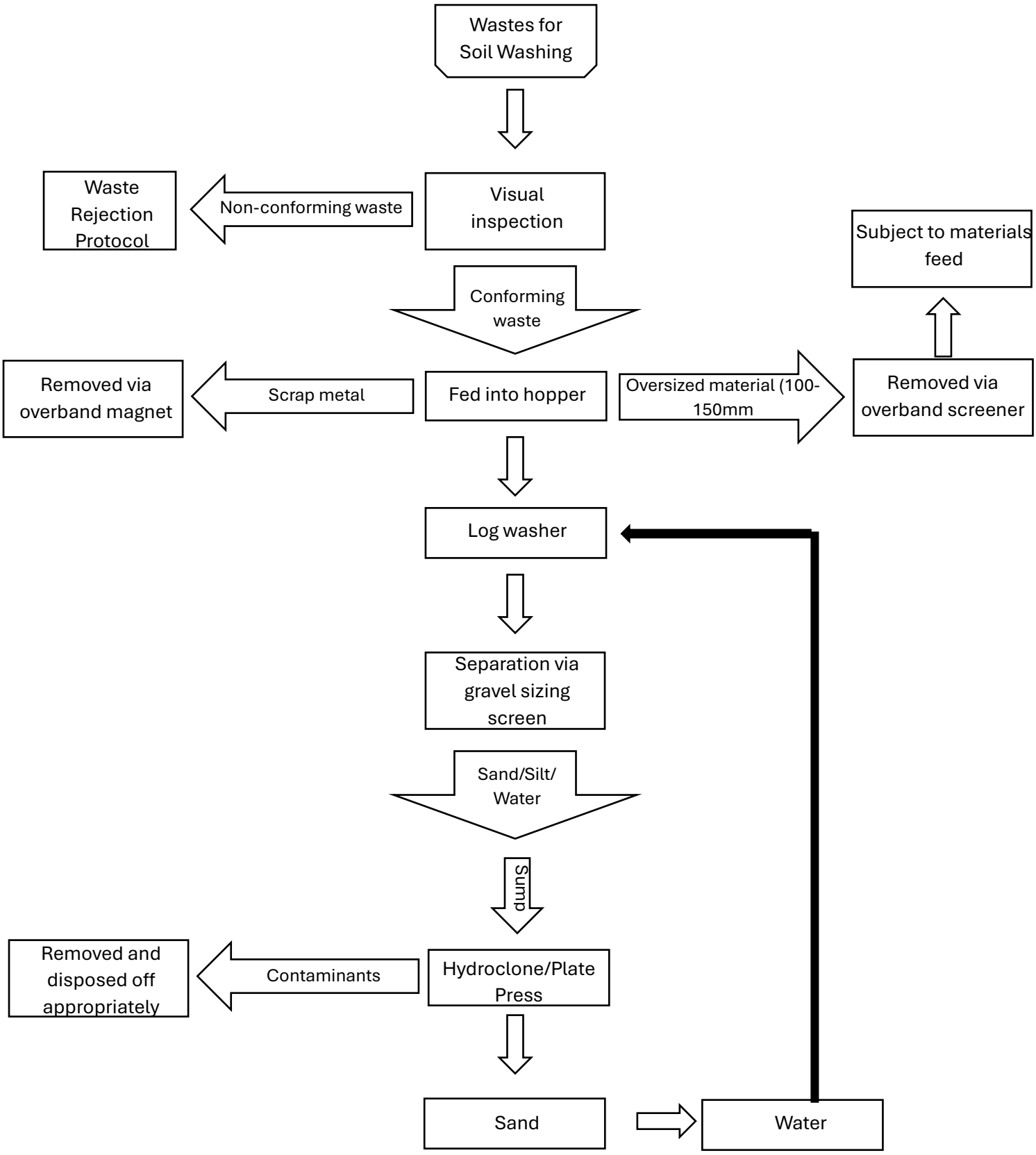
Maidenhead SL6 4JJ

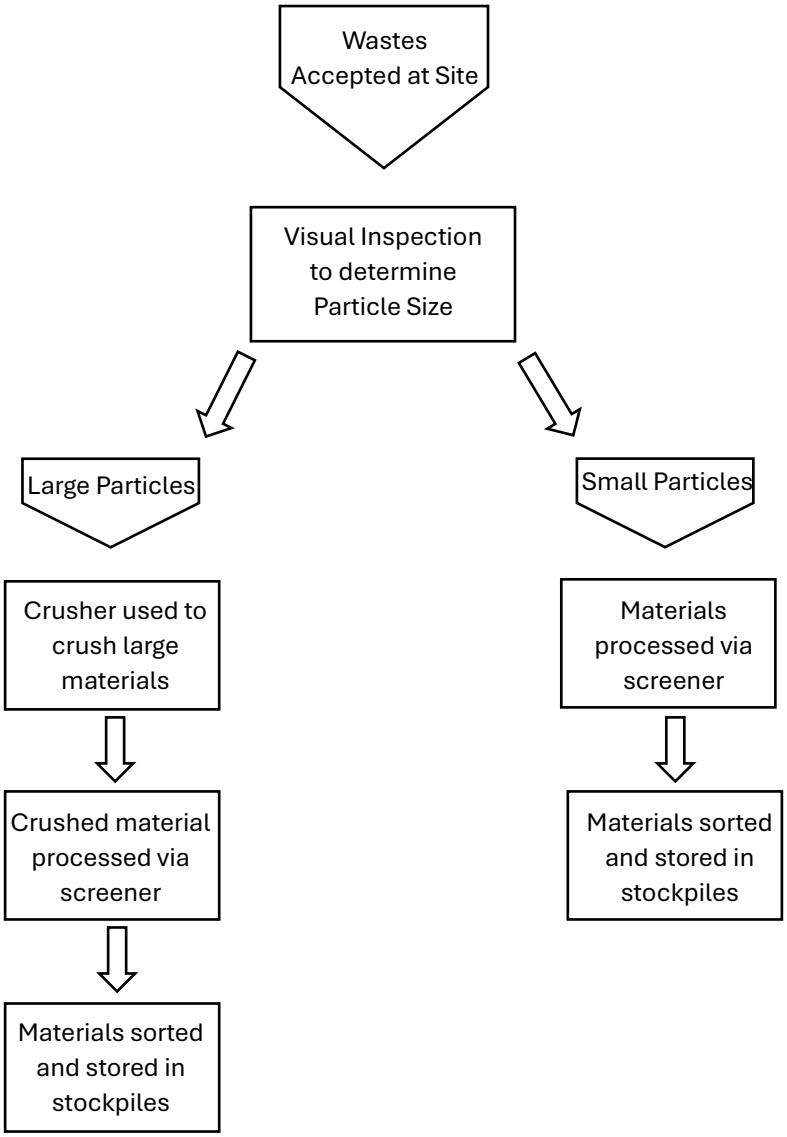
Location	*Address*	*Activity*
YORK	Outgang Lane, Osbaldwick, York YO19 5UP	The production of concrete or mortar

Appendix C – Process Flow Diagrams

Soil Washing Process Flow Diagram



Physical Treatment Process Flow Diagram



Appendix D -Environmental Management System Summary

Appleford Recycling Facility

784-B066441

Environmental Management System Summary

Environmental Permit Application

Hanson Quarry Products Europe Ltd

June 2024

Document prepared on behalf of Tetra Tech Limited. Registered in England numbe 01959704

TETRA TECH

Tetra Tech Limited. Registered in England number: 01959704

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Document control

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1.0 Site Operations and Infrastructure

1.1 Site Operations

1.1.1 The management system will comprise documented procedures for all site operations in relation to start up, normal operation and shut down. These procedures will also provide details of what measures will be undertaken in order to prevent or minimise the environmental risk from site operations.

1.1.2 All operational procedures will be reviewed on an annual basis as part of the management system (Section 5) and under the following circumstances: -

- After any accident, complaint, or breach of the Environmental Permit; and,
- Changes to site operations.

1.2 Site Equipment and Maintenance Plan

1.2.1 A Planned Preventative Maintenance programme (PPM) will be incorporated into the site's management system to minimise the risk to safety, health, and the environment by ensuring that all appropriate items and elements within the site are served and inspected on a regular basis or to the manufacturer's maintenance schedules.

1.2.2 Details of faults, breakdowns and repairs will be documents and records will be maintained by the operator. Faults and breakdowns will be investigated, and the service schedule will be revised if necessary.

1.3 Contingency Plans

1.3.1 All operational procedures will comprise contingency plans which details what actions will be undertaken in the event of any breakdown, enforced shutdowns and any changes to normal operations (e.g., flooding, or extreme weather). This will ensure that the necessary measures are employed to minimise the environmental risks arising from abnormal operating conditions.

2.0 Accident Prevention and Management Plan

2.0.1 The Accident Prevention and Management Plan will identify potential accidents that could arise from the site's operations, and the environmental consequences of those accidents. It will also provide details on how the operator will reduce the likelihood of accidents and indicates how the operator will respond should any such events occur.

2.0.2 The Accident Prevention and Management Plan will be reviewed on an annual basis and under the following circumstances: -

- After any accident or complaint;
- Changes to site operations that may affect the likelihood of accidents; and,
- Changes to emergency contacts.

2.1 Contract Information for The Public

2.1.1 Given that the proposed facility comprises a waste operation, a notice board will be situated at the site entrance which will include the following information: -

- The permit holder's name;
- An emergency contact name and telephone number;
- A statement that the site is permitted by the Environment Agency;
- The permit number; and,
- Environment Agency telephone number 03708 506506 and the incident hotline 0800 807060.

2.2 Complaints Procedure

2.2.1 A complaints procedure will be incorporated into the site's management system to ensure that complaints will be handled by the operator to reassure the Environment Agency and the public that any of their concerns will be acknowledged and acted upon where appropriate. The procedure will be reviewed on an annual basis as part of the management system review (Section 5) or in the event of any significant complaints.

2.2.2 As mentioned in Section 2.1, a notice board will be situated at the site entrance which details the operator's and the Environment Agency's contact details. This will ensure that any member of the public can report their complaint and be confident that it will be received by the appropriate party even if they do not wish to discuss their complaint directly with the operator.

2.2.3 Any complaint that is received by the operator will be investigated in order to identify the cause of the complaint. Once established, necessary actions will be undertaken to prevent re-occurrence.

2.2.4 The operator will maintain a record of all complaints, how the complaint was investigated and any actions that were undertaken as a result of the complaint.

3.0 Managing Staff Competence and Training Records

3.0.1 To ensure that the site is operated by personnel who are suitably trained, the operator will maintain a record which identifies each job role and the training requirements for each role. This will be monitored against a training checklist which will identify whether each member of staff has received the required training to undertake their role on site.

3.0.2 The operator will also maintain a record of all training, experience and qualifications of staff and kept will be kept up to date.

3.0.3 The training requirements and training checklist for all personnel will be reviewed on annual basis as part of the management system review (Section 5) and in the event of any significant alterations to the site operations or procedures.

4.0 Keeping Records

4.0.1 The operator will maintain a record of documents containing information regarding the operation of the site. This will include the following: -

- Environmental permits and variation notices issued to the site;
- Legal requirements;
- Risk assessment for site operations;
- Any plans that are required by the Environmental Permit;
- Operating procedures;
- Staff competence and training;
- Compliance checks, findings of investigation and actions taken;
- Complaints made, findings of investigation and actions taken;
- Audits of management system, findings and actions taken; and,
- Management reviews and changes made to the management system.

4.0.2 These documents will be kept in a convenient location on site, allowing access for any person that may be working or visiting the site.

4.1 Waste Records

4.1.1 The operator will keep a record that details all wastes that are accepted at the site. This will include the following details: -

- The quantity of waste to be imported;
- The List of Wastes (England) Regulations 2005 code;
- Original source of the waste;
- The identity of the waste producer;
- The date the waste arrives on site;
- Any non-compliant materials that were received on site and what was done to the material; and,
- Results of basic waste characterisation, compliance testing or on-site verification.

4.1.2 The information listed above will be provided to the Environment Agency at three-monthly intervals, within one months of the end of each period.

5.0 Review of Management System

5.1 Document Review Procedures

5.1.1 The management system will be reviewed on an annual basis to ensure compliance with the relevant guidance and regulations. The management system will also be reviewed under the following circumstances: -

- After any accident, complaint or breach of the Environmental Permit;
- Changes to the site or operations that will require the Environmental Permit to be varied (changed); and,
- If a new environmental problem or issue is encountered on site and a new control measure has been implemented.

5.1.2 The operator will maintain a record of any changes to the management system.

6.0 Site Closure

6.0.1 In accordance with the EA's "Develop a management system: environmental permits" Guidance, due to the nature of the site, a site closure period is not required.

6.0.2 In order to surrender the environmental permit in the future, a site condition report will be submitted in accordance with the Environment Agency's H5 SCR template and incorporate the site closure portions of the document.

6.0.3 As such no further monitoring or post closure monitoring is deemed necessary and therefore no further closure and aftercare plan has been prepared in support of this Environmental Permit Application.