

# Dagenham Dock Aggregate Recycling Facility

784-B066441

## Operating Techniques

Environmental Permit Variation Application

Hanson Quarry Products Europe Ltd

May 2025

Document prepared on behalf of Tetra Tech Limited. Registered in England number 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 Dagenham Dock Aggregate Recycling Facility located at Land on Breach Lane, Dagenham Dock, Dagenham, London, RM9 6QD.
- 1.1.4 Hanson currently hold a Bespoke Environmental Permit (EPR/BB3005TG) for the site which was issued in March 2015. The permit allows for the facility to accept and physically treat and store non-hazardous wastes for recovery purposes. The annual throughput of the site is less than 250,000 tonnes.
- 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 northeast as shown on Drawing Number DAG/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 250,000 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                                                                                                                                  |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |

#### 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 19<sup>th</sup> 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) |
| D15      | Storage pending any of the operations numbered D1 to D14 (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 250,000 tonnes.

2.4.2 There will be no hazardous waste accepted on site.

### Soil Washing Facility

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

2.4.4 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 DAG/B066441/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 and wet storage will be undertaken on an impermeable surface. Further, there is a weighbridge located within the permitted area.
- 2.5.3 The proposed extension of the permitted area to the northeast will be utilised for dry recycling, storage of incoming materials, storage of products from the physical treatment and soil washing activities.

## 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; and,
  - 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 The permitted area comprises of both permeable and impermeable surfacing. All soil washing activities and wet storage will occur on the site's impermeable surface. All areas of impermeable

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 DAG/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 DAG/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 composters' 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 DAG/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/BB3005TG), 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. Wastes are to be stored for no longer than 3 years prior to recovery.
- 4.1.2 Materials that have undergone 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 northeast.
- 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 and storage of wastes whilst wet will be undertaken on an impermeable surface with sealed drainage.
- 4.1.6 Waste handling 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 300,000 tonnes of untreated materials.
- 4.1.11 There will be a maximum storage capacity of 350,000 tonnes 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 DAG/B066441/LAY/01.
- 4.2.4 Waste handling 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 DAG/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 D of the Environmental Permit Application);
- Environmental Risk Assessment (Appendix C of the Environmental Permit Application); and,
- Noise Management Plan (Appendix E 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 C.

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

## **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 E 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 C.



## 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

- 8.0.1 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.
- 8.0.2 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.

### 8.1 Fire Control

- 8.1.1 Due to the non-combustible nature of the waste accepted at the site, a Fire Prevention Plan is not required to support the application.
- 8.1.2 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.
- 8.1.3 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.

### 8.2 Maintenance Procedures

- 8.2.1 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.
- 8.2.2 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.

### 8.3 Spillage Procedure

- 8.3.1 There will be no waste oils accepted on site.
- 8.3.2 The most likely source for spillages will be from spillages of fuel/oil associated with site plant or vehicles.
- 8.3.3 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.

8.3.4 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 has a certified Environmental Management System in place which is compliant with the requirements of ISO 14001. A copy of the company's ISO 14001 Certificate is provided as Appendix B of this document. The operator may update their EMS procedures from time to time to reflect working practice which would take precedent over the details contained herein.
- 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

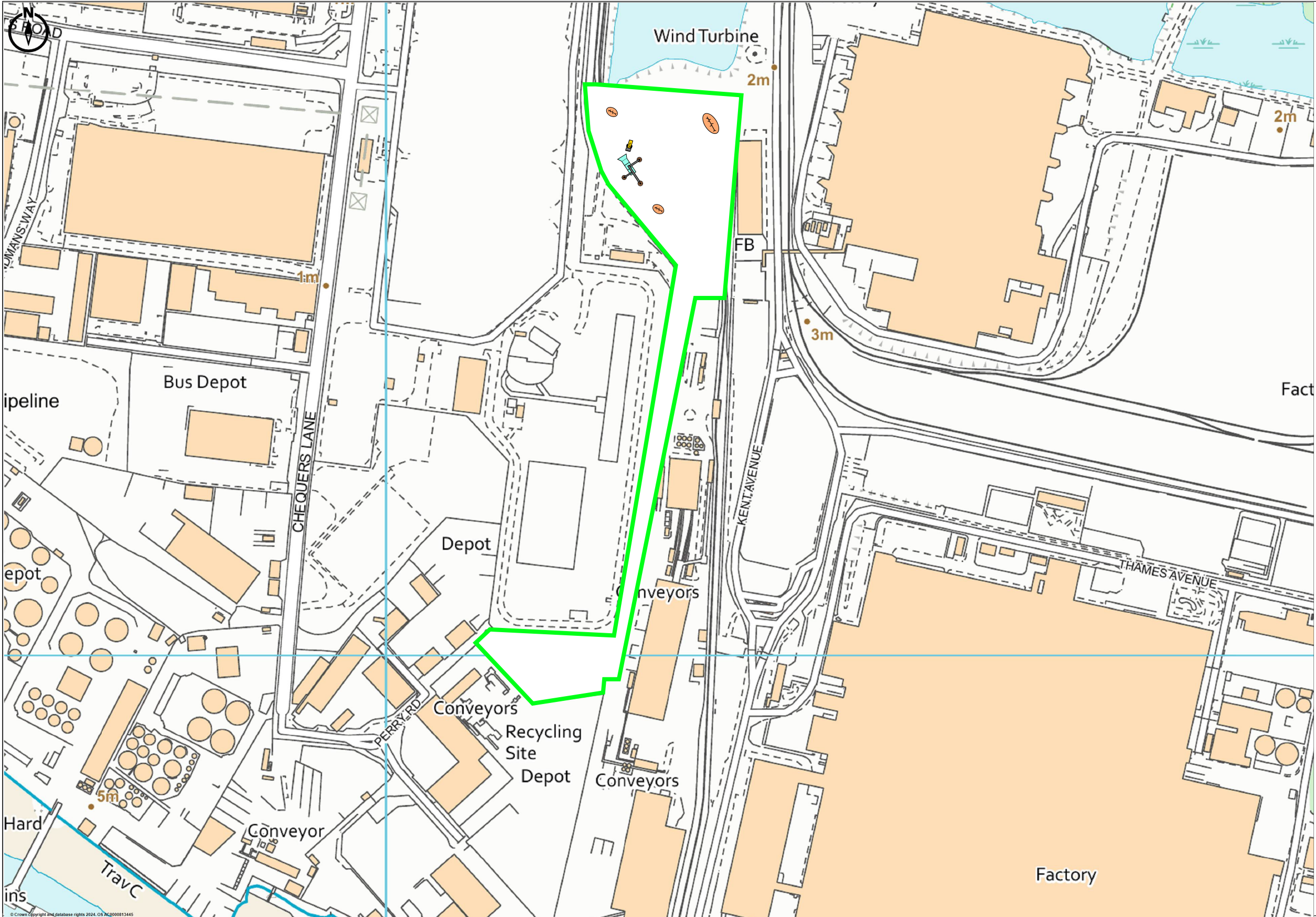
- 11.1 Hanson have procedures for investigating and recording any incidents and non-conformances at the site, and for taking any corrective action. Hanson have an EMS which this includes procedures for handling incidents and non-conformances.
- 11.2 The following types of incidents will require investigation: -
- 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

DAG/B066441/LAY/01 – Site Layout Plan

DAG/B066441/PER/01 – Permit Boundary Plan





Client:  
Hanson Quarry Products Europe Limited

Created: GA

Checked: AB

Project: Dagenham Dock Aggregate Recycling Facility

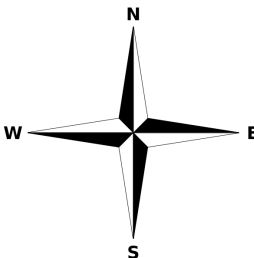
Date: 10/01/2025

Title: Indicative Site Layout Plan

Version: 1

Drawing No: DAG/B066441/LAY/01

Scale: 1:25,000



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

+44 161 874 4659



 Environmental Permit Boundary





## Appendix A - Waste Types

Table A1: Physical Treatment Facility Waste Types Currently Permitted

| EWC Code     | Description                                                                                                                                    |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>01</b>    | <b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b>                                   |
| <b>01 04</b> | <b>Wastes from physical and chemical processing of non-metalliferous minerals</b>                                                              |
| 01 04 08     | Waste gravel and crushed rocks other than those mentioned in 01 04 07                                                                          |
| 01 04 09     | Waste sand and clays                                                                                                                           |
| <b>10</b>    | <b>WASTES FROM THERMAL PROCESSES</b>                                                                                                           |
| <b>10 01</b> | <b>Wastes from power stations and other combustion plants (except 19)</b>                                                                      |
| 10 01 01     | Bottom ash and slag only                                                                                                                       |
| 10 01 02     | Pulverised fuel ash only                                                                                                                       |
| <b>10 11</b> | <b>Waste from manufacture of glass and glass products</b>                                                                                      |
| 10 11 12     | Clean glass other than those mentioned in 10 11 11                                                                                             |
| <b>10 12</b> | <b>Wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>                                                       |
| 10 12 08     | Waste ceramics, bricks, tiles and construction products (after thermal processes)                                                              |
| <b>10 13</b> | <b>Wastes from manufacture of cement, lime and plaster and articles and products made from them</b>                                            |
| 10 13 14     | Waste concrete only                                                                                                                            |
| <b>15</b>    | <b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>                            |
| <b>15 01</b> | <b>Packaging (including separately collected municipal waste packaging)</b>                                                                    |
| 15 01 07     | Clean glass only                                                                                                                               |
| <b>17</b>    | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>                                                   |
| <b>17 01</b> | <b>Concrete, bricks, tiles and ceramics</b>                                                                                                    |
| 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                                                        |
| <b>17 02</b> | <b>Wood, glass and plastic</b>                                                                                                                 |
| 17 02 02     | Clean glass only                                                                                                                               |
| <b>17 03</b> | <b>Bituminous mixtures, coal tar and tarred products</b>                                                                                       |
| 17 03 02     | Road base and road planings (other than those containing tar) only                                                                             |
| <b>17 05</b> | <b>Soil (including excavated soil from contaminated sites), stones and dredging spoil</b>                                                      |
| 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                                                                          |
| <b>20</b>    | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b> |
| <b>20 01</b> | <b>Separately collected fractions (except 15 01)</b>                                                                                           |
| 20 01 02     | Clean glass only                                                                                                                               |

|              |                                                          |
|--------------|----------------------------------------------------------|
| <b>20 02</b> | <b>Garden and park wastes (including cemetery waste)</b> |
| 20 02 02     | Soil and stones                                          |

Table A2: Soil Washing Activity Proposed Waste Types

| <b>EW Code</b> | <b>Description</b>                                                                                         | <b>Restriction</b>      |
|----------------|------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>01</b>      | <b>WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b> |                         |
| <b>01 04</b>   | <b>Wastes from physical and chemical processing of non-metalliferous minerals</b>                          |                         |
| 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                                |                         |
| <b>10</b>      | <b>WASTES FROM THERMAL PROCESSES</b>                                                                       |                         |
| <b>10 11</b>   | <b>Wastes from manufacture of glass and glass products</b>                                                 |                         |
| 10 11 12       | Waste that as waste glass other than those mentioned in 10 11 11                                           |                         |
| <b>10 12</b>   | <b>Wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>                   |                         |
| 10 12 08       | Waste ceramics, brick, tiles and construction products (after thermal processing)                          |                         |
| <b>10 13</b>   | <b>Wastes from manufacture of cement, lime and plaster and articles and products made from them</b>        |                         |
| 10 13 14       | Waste that as waste concrete and concrete sludge                                                           |                         |
| <b>17</b>      | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>               |                         |
| <b>17 01</b>   | <b>Concrete, bricks, tiles and ceramics</b>                                                                |                         |
| 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. |
| <b>17 03</b> | <b>Bituminous mixtures, coal tar and tarred products</b>                                                                                                                       |                                                                                 |
| 17 03 02     | Bituminous mixtures other than those mentioned in 17 03 01                                                                                                                     |                                                                                 |
| <b>17 05</b> | <b>Soil (including excavated soil from contaminated sites), stones and dredging spoil</b>                                                                                      |                                                                                 |
| 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*                                                                                                                          |                                                                                 |
| <b>17 09</b> | <b>Other construction and demolition wastes</b>                                                                                                                                |                                                                                 |
| 17 09 04     | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03                                                                         |                                                                                 |
| <b>19</b>    | <b>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</b> |                                                                                 |
| <b>19 01</b> | <b>Wastes from incineration or pyrolysis of waste</b>                                                                                                                          |                                                                                 |
| 19 01 02     | Ferrous materials removed from bottom ash                                                                                                                                      |                                                                                 |
| 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                                                                                                                                                      |                                                                                 |
| <b>19 02</b> | <b>Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>                                                              |                                                                                 |
| 19 02 06     | Waste that as sludges from physico/chemical treatment other than those mentioned in 19 02 05                                                                                   |                                                                                 |
| <b>19 12</b> | <b>Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>                                          |                                                                                 |

|              |                                                                                                                                                |                                                                                                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                      |
| <b>19 13</b> | <b>Wastes from soil and groundwater remediation</b>                                                                                            |                                                                                                                                                                                                        |
| 19 13 02     | Solid wastes from soil remediation other than those mentioned in 19 13 01                                                                      |                                                                                                                                                                                                        |
| <b>20</b>    | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b> |                                                                                                                                                                                                        |
| <b>20 02</b> | <b>Garden and park wastes (including cemetery waste)</b>                                                                                       |                                                                                                                                                                                                        |
| 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](http://www.qsrmc.co.uk)



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

| <i>Location</i>           | <i>Address</i>                                                                   | <i>Activity</i>              |
|---------------------------|----------------------------------------------------------------------------------|------------------------------|
| 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<br>(BRAY VALLEY) | Barton Wood Quarry, Brayford, Barnstaple, Devon EX32 7QB                         | The production of aggregates |
| BRIDGEND<br>(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

| <i>Location</i>   | <i>Address</i>                                                      | <i>Activity</i>              |
|-------------------|---------------------------------------------------------------------|------------------------------|
| 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, Condoover, 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      | Keepersfield 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

| <i>Location</i>    | <i>Address</i>                                                                                     | <i>Activity</i>              |
|--------------------|----------------------------------------------------------------------------------------------------|------------------------------|
| 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

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

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| <i>Location</i>           | <i>Address</i>                                                                   | <i>Activity</i>                 |
|---------------------------|----------------------------------------------------------------------------------|---------------------------------|
| 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<br>(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 |

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|----------------------|--------------------------------------------------------------------------------------|--------------------------------------|
| 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 |



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|-----------------|------------------------------------------------------------------------------------------|--------------------------------------|
| ALLERTON PARK   | Allerton Park, Knaresborough, North Yorkshire HG5 0SD                                    | The production of concrete or mortar |
| ALTRINHAM       | Atlantic Street, Broadheath, Altrincham, 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 0NR                      | 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 |

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| <i>Location</i> | <i>Address</i>                                                                        | <i>Activity</i>                      |
|-----------------|---------------------------------------------------------------------------------------|--------------------------------------|
| 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 |



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|-------------------|-------------------------------------------------------------------------------|--------------------------------------|
| 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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|-----------------|------------------------------------------------------------------------|--------------------------------------|
| 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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| <i>Location</i> | <i>Address</i>                                                              | <i>Activity</i>                      |
|-----------------|-----------------------------------------------------------------------------|--------------------------------------|
| 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 0AQ                                   | 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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|--------------------------------|-------------------------------------------------------------------------------|--------------------------------------|
| 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 0SW                      | 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, Middlesbrough TS6 6UJ     | The production of concrete or mortar |
| MCP UK Z McCRORY KT TEESSIDE 2 | Teesside Monopile, Teeswork Site, Smiths Dock Road, Middlesbrough TS6 6UJ     | The production of concrete or mortar |

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

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

## Environmental Management System Certification – ISO 14001:2015

### Hanson Quarry Products Europe Ltd

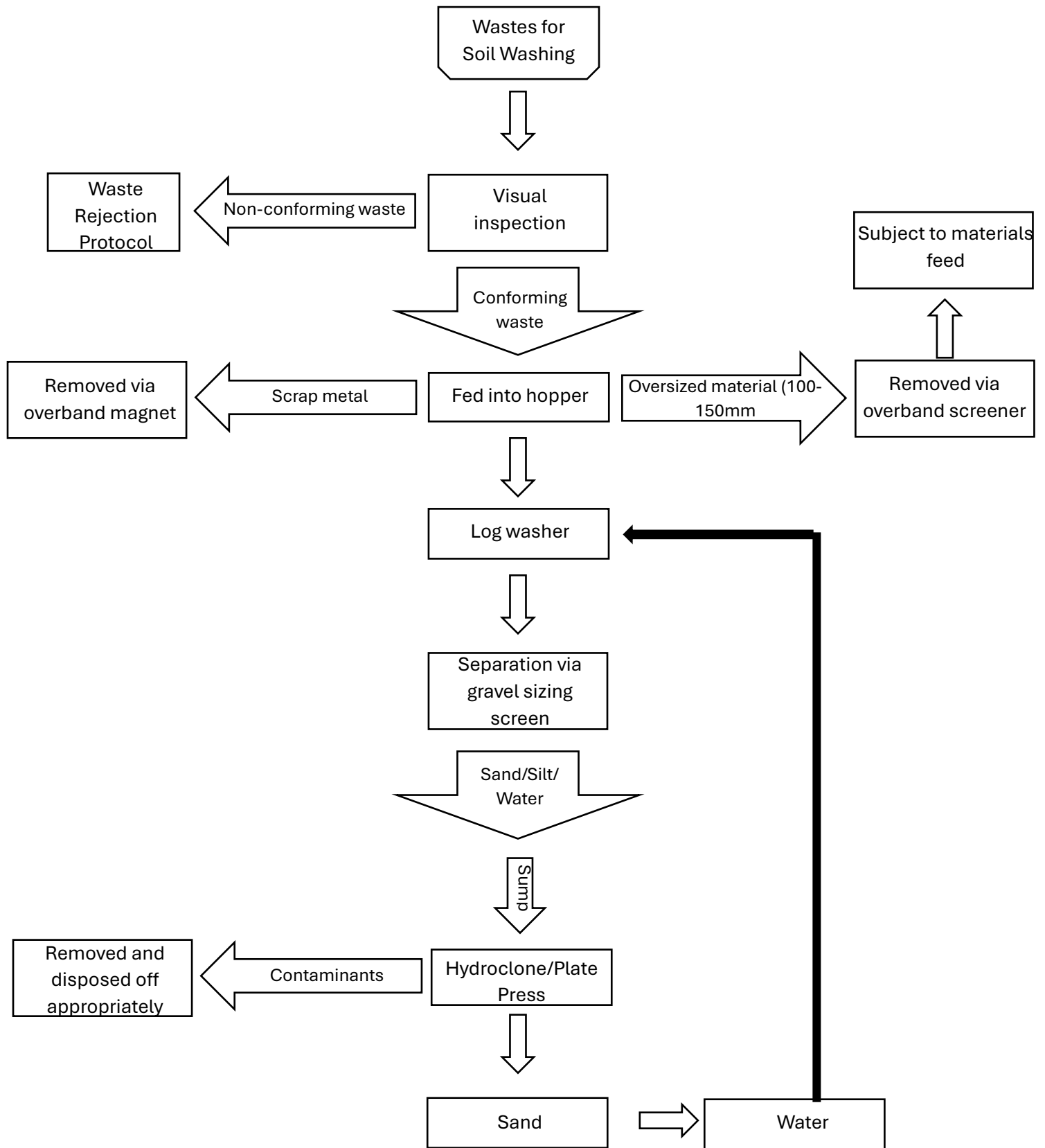
Hanson House  
14 Castle Hill  
Maidenhead SL6 4JJ

| <i>Location</i> | <i>Address</i>                             | <i>Activity</i>                         |
|-----------------|--------------------------------------------|-----------------------------------------|
| YORK            | Outgang Lane, Osbaldwick, York<br>YO19 5UP | The production of concrete or<br>mortar |



## Appendix C – Process Flow Diagrams

Soil Washing Process Flow Diagram



## Physical Treatment Process Flow Diagram

