

Greenwich Soil Treatment Facility

784- B066441

Non-Technical Summary

Environmental Permit Application

Hanson Quarry Products Europe Ltd

May 2025

Document prepared on behalf of Tetra Tech Environment Planning Transport Limited. Registered in England number: 03050297

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1.0 Non-Technical Summary

1.1 Environmental Permit Application

- 1.1.1 This Environmental Permit Application has been prepared by Tetra Tech on behalf of the Operator, Hanson Quarry Products Europe Ltd (Hanson), in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2016 as amended.
- 1.1.2 This application relates to Hanson's site Greenwich Soil Treatment Facility located at Tunnel Avenue, London, SE10 0QE and is centred at approximate National Grid Reference (NGR) TQ 38942 79499. The application site is detailed on Drawing Number GRE/B066441/PER/01.
- 1.1.3 Hanson seek to obtain a Bespoke Environmental Permit for a Soil Washing Facility and a Non-Hazardous Waste Treatment Facility that will process a maximum of 800,000 tonnes per annum of non-hazardous soils. The activities on site will comprise of both dry recycling and soil washing to produce quality aggregates, soils and clay products for construction projects.
- 1.1.4 This application is accompanied by all relevant documentation, as required by the aforementioned Regulations, and in the format set out in the Environment Agency (EA) guidance documents. Details of the supporting documents are provided in the following section.

2.0 Supporting Information

2.1 Application Forms

- 2.1.1 Forms A, B2, B4 and F1 have been included as part of this application. These forms are provided as Appendix A.

2.2 Pre-Application Discussions

Part B2, Question 1a

- 2.2.1 Pre-application discussions have been undertaken as part of this application and are provided within Appendix B.

2.3 Ability as an Operator

Part B2, Question 3b

- 2.3.1 The site will be managed by an individual who possesses the required level of technical competence.
- 2.3.2 Evidence of technical competence for the site has been provided as part of the Operating Techniques document (Appendix C of the Environmental Permit Application).

2.4 Management System

Part B2, Question 3d

- 2.4.1 Hanson has an accredited environmental management system in place which is compliant with the requirements of ISO 14001.
- 2.4.2 According to the guidance notes that accompany the Part B2 application form, an indicative summary and relevant certificates are to be provided if the proposal involves a waste installation or waste operations. As such, an indicative summary of the site's environmental management system and a copy of Hanson's ISO14001 Certificate is provided as part of the Operating Techniques document (Appendix C of the Environmental Permit Application).

2.5 Site Plan

Part B2, Question 5a

- 2.5.1 A site layout plan (Drawing Number GRE/B066441/LAY/01) has been prepared to show the indicative layout of plant and storage areas on-site.

2.6 Site Condition Report

Part B2, Question 5f

- 2.6.1 A Site Condition Report has been provided as Appendix G of the Environmental Permit Application to detail the proposed activity.

2.7 Environmental Risk Assessment

Part B2, Question 6

- 2.7.1 An Environmental Risk Assessment (Appendix D) has been prepared to consider the potential impact of the proposed activity. The Environmental Risk Assessment (ERA) is concerned with the nature and extent of any linkages between the source of any environmental hazards and the receptors which may be susceptible to harm; such linkages being termed pathways. Where potential for harm is identified, the assessment identifies the management techniques which will be utilised to mitigate such impacts.

2.8 Operating Techniques

Part B4, Question 3a

- 2.8.1 An Operating Techniques document has been prepared that describes how the site is operated and demonstrates compliance with the Environment Agency's Appropriate Measures Guidance. A copy of the Operating Techniques is provided as Appendix C of the Environmental Permit Application.

2.9 General Requirements

Part B4, Table 2

- 2.9.1 According to the EA's 'Control and monitor emissions for your environmental permit' guidance dust management plan is required if a site is "*keeping or treating (or both) aggregates, soils, ashes or similar materials*". As such, a Dust Management Plan (Appendix E of the Environmental Permit Application) has been prepared to describe the measures that will be in place to prevent occurrence of dust from the proposed activities.
- 2.9.2 As noted in Section 1.1.3, Hanson are seeking an environmental permit to operate a soil washing plant. As such there is no intention to accept any waste streams that are putrescible in nature and therefore the risk of odour is expected to be low. In addition, the aforementioned guidance does not indicate that an Odour Management Plan (OMP) is required for the activities that are proposed under this application. As such, an OMP has not been provided to support this application.
- 2.9.3 Nevertheless, the Environmental Risk Assessment (Appendix D of the Environmental Permit Application) and the Operating Techniques Document (Appendix C of the Environmental Permit

Application) has been prepared to address how the risk of odour from the proposed changes will be minimised.

2.9.4 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. A copy of the NMP is provided as Appendix F of the Environmental Permit application.

2.9.5 In line with the feedback received from the EA regarding Hanson's other soil washing facilities at Erith (EPR/ AP3721SW/A001) and Appleford (EPR/GB3934AC/V003), a Wash Water Management Plan has been provided. This plan provides details regarding the soil washing plant to ensure sustainable water use, efficient waste disposal, and minimal environmental impact. This plan outlines the procedures for sourcing, using, recycling, and treating water throughout the plant's operations and is provided as Appendix H of the Application.

2.10 Application Fees

Part F1, Question 1

2.10.1 It is considered that the application fee will comprise the following: -

| Activity Reference | Description | Application Type | Fee |
|--------------------|---|--------------------------------------|----------------|
| 1.16.14 | Physical and chemical treatment of waste | Permit Application | £7,930 |
| 1.16.12 | Physical treatment of non-hazardous waste | Permit Application with 50% discount | £3,965 |
| 1.19.5 | Emissions Management Plan | - | £1,241 |
| 1.19.7 | Noise and Vibration Management Plan | - | £1,246 |
| Total | | | £14,382 |

2.10.2 Due to more than one application activity being the subject of an application for a permit, and the activities being associated with each other, the fee for the Physical Treatment for Non-hazardous Waste activity has been reduced by 50%.

Drawings

GRE/B066441/PER/01 – Permit Boundary Plan

GRE/B066441/LAY/01 – Site Layout Plan

GRE/B066441/REC/01 – Environmental Receptors Plan

Appendix A - Application Forms

Appendix B – Pre-application Discussions

Appendix C – Operating Techniques

Appendix D – Environmental Risk Assessment

Appendix E – Dust Management Plan

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Appendix G – Site Condition Report

Appendix H – Wash Water Management Plan