Watersplash Farm

Environmental Permit Application

Non-Technical Summary

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Prepared on behalf of CEMEX UK Materials Limited

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1.0 Introduction

1.1 Application Requirements

1.1.1 This Environmental Permit Application has been prepared by WYG on behalf of the Operator, CEMEX UK Materials Limited (CEMEX), in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2016 as amended.

1.1.2 In September 2012, a planning application (SP12/01487) was submitted to Surrey County Council to allow the extraction of minerals at Watersplash Farm. Following mineral extraction, the planning application proposes to restore the site back to original levels for agricultural use as detailed in the proposed restoration scheme (Drawing Number P3/648/9).

1.1.3 In order to facilitate the restoration works, CEMEX seeks to gain a bespoke waste disposal permit for the permanent deposit of inert waste to land at Watersplash Farm.

2.0 Non-Technical Summary

2.1 Permit Application

2.1.1 This Environmental Permit Application is submitted to the Environment Agency (EA) by the Operator, CEMEX under the requirements of the Environmental Permitting (England and Wales) Regulations as amended in 2016. It is a requirement of these Regulations that any application is accompanied by a Non-Technical Summary of the submitted documentation.

2.1.2 Watersplash Farm (the site) is located approximately 1.2km north east from Shepperton in Surrey and is centred on approximate National Grid Reference (NGR) TQ 09303 67529. The application site is detailed on Drawing Number CEM/A104530/LOC/01.

2.1.3 The site is divided in two by the River Ash which enters the site at the north west under the Upper Halliford Bypass and runs in a south-east direction towards Fordbridge Road. The river then joins the River Thames which is located approximately 400m to the south of the site at its closest point.

2.1.4 The western boundary is formed by the Gaston Bridge Road (A244), the south by the Fordbridge Road (B375) and the north east by Halliford Road. To the south of the site beyond Forbridge Road is a marina, fishing lake and swan sanctuary.

2.1.5 Residential properties are located to the west, north and south east of the site and the nearest residential property is a detached residential property know as Cuckoo Pound. The property is located along the northern boundary of the western half of the site. Commercial units are located to the south east of the eastern half of the site.

2.1.6 In September 2012, a planning application (SP12/01487) was submitted to Surrey County Council to allow the extraction of minerals at the site. Following mineral extraction, the application proposes to restore the site back to original levels for agricultural use as detailed in the proposed restoration scheme (Drawing Number P3/648/9).

2.1.7 In order to restore the site to the intended benefit, CEMEX seeks to gain a bespoke waste disposal permit for the permanent deposit of inert waste at Watersplash Farm to facilitate the restoration scheme.

2.1.8 This application is accompanied by all relevant documentation, as required by the aforementioned Regulations, and in the format set out in the Environment Agency guidance documents. In summary, these documents comprise:-

- Application Forms A, B2, B4 and F1;
- OPRA Profile;
- Operating Techniques;
- Environmental Setting and Installation Design;
- Environmental Risk Assessment;
- Stability Risk Assessment;
- Hydrogeological Risk Assessment;
- Landfill Gas Screening Report;
- Environmental Management and Monitoring Plan;
- Closure and Aftercare Plan;
- Financial Provision; and
- Site Condition Report

2.1.9 Specific details on the operations of the site are provided in the Operating Techniques (Appendix B), which describes both the operational techniques and management procedures carried out at the site. In summary, this document provides details of:-

- Waste types and waste acceptance criteria;
- Site records;
- Emissions control;
- Incidents and non-conformance procedures;
- Accident management; and
- Emergency procedures.

2.1.10 The Environmental Setting and Site Design (Appendix C) describes the regulated facility in relation to the environmental setting, identifying the source terms, pathways and receptors that will be used as the basis for the risk assessments provided.

2.1.11 The Environmental Risk Assessment (Appendix D) 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 engineering or management technique, which will mitigate such impacts.

2.1.12 The Stability Risk Assessment (Appendix E) documents the structural and physical ability of the landfill over the entire life cycle of the landfill.

2.1.13 The Hydrogeological Risk Assessment (Appendix F) provides the geological and hydrogeological setting of the site allowing the development of a conceptual model to determine the risk that the facility will pose to underlying groundwater.

2.1.14 The Gas Screening Report (Appendix G) determines the risks presented by the placement of materials on surrounding receptors.

2.1.15 The Environmental Management and Monitoring Plan (Appendix H), outlines the pre-operational, operational and post-operational monitoring requirements associated with the permit application. This includes monitoring requirements with regards to groundwater, perimeter monitoring boreholes, in waste monitoring boreholes and the monitoring of the landfill body in accordance with relevant technical guidance.

2.1.16 The Closure and Aftercare Plan (Appendix I) demonstrates how the landfill will be maintained following cessation of filling activities to avoid any risk of pollution to the point of surrender of the Environmental Permit.

2.1.17 The Financial Provision (Appendix J) document shows all associated costs of environmental monitoring, restoration, monitoring, reports, site reports and security.

2.1.18 As required under the Environment Agency's Regulatory Guidance Note RGN 9 – Surrender, a Site Condition Report (Appendix K) has been prepared regarding areas of the site that will not be used for the permanent deposit of wastes.

Drawings

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