# Datchet Quarry

# Environmental Permit Application

# Non-Technical Summary

# May 2019

Prepared on behalf of CEMEX Materials UK Limited

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## Document Control

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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 Materials UK Limited (CEMEX), in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2016 as amended.

1.1.2 The Royal Borough Windsor and Maidenhead has granted Planning Permission for the importation of suitable inert material in order to achieve the restoration scheme as approved under planning permission reference 13/01667. CEMEX seeks to gain a bespoke environmental permit to allow the deposit of waste for recovery to facilitate the restoration scheme approved under this planning permission.

# 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 Datchet Quarry is located approximately 900m to the south east of Slough in Berkshire. It is located to the north of the M4 motorway and separated from it by Riding Court Road. The site is centred at National Grid Reference (NGR) SU 98900 77900. The application site is detailed on Drawing Number A097237/LOC/01.

2.1.3 In September 2015, The Royal Borough Windsor and Maidenhead granted Planning Permission for the extraction of minerals at Datchet Quarry. Following mineral extraction, Planning Permission Reference No. 13/01667 also requires the site to be restored in accordance with the restoration scheme as approved. Drawing Number P1/869/8A details the proposed final restoration contours for the site.As identified in the restoration plan, the majority of the site to the western and central areas will be restored to agriculture at original ground levels; the remaining area to the east will be restored to parkland and two small open water areas at levels slightly lower than the existing ground levels. The extraction of mineral at the site has commenced and is currently ongoing which has triggered the requirement for the planning permission to complied with in full.

2.1.5 In order to restore the site to the intended benefit, CEMEX seeks to gain a bespoke environmental permit to allow the deposit of waste for recovery to facilitate the restoration scheme approved under this planning permission.

2.1.6 A Waste Recovery Plan (Appendix B) has been prepared in accordance with the Environment Agency's 'Waste Recovery Plans and Permits' guidance (published October 2016). The document demonstrates that the proposed activity meets the recovery test criteria provided in the Environment Agency's 'Waste Recovery Plans and Permits' guidance (published October 2016) and therefore should be considered as a recovery operation. The Waste Recovery Plan was submitted to the Environment Agency prior to this application and was subsequently approved as detailed within Environment Agency Letter ref EPR/EB3402MU/A001 dated 18th March 2019.

2.1.7 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;
- Operating Techniques;
- Approved Waste Recovery Plan;
- Environmental Setting and Site Design;
- Environmental Risk Assessment;
- Stability Risk Assessment;
- Hydrogeological Risk Assessment;
- Gas Screening Report;
- Environmental Management and Monitoring Plan;
- Dust Management Plan; and
- Site Condition Report.

2.1.8 Specific details on the operations of the site are provided in the Operating Techniques (Appendix C), 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.

2.1.9 The Environmental Setting and Site Design (Appendix D) 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.

2.1.10 The Environmental Risk Assessment (Appendix E) 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. This report is supported by a Nature and Heritage that was requested by the Environment Agency (Reference Number EPR/EB3402MU/A001). This screen determines the presence of any sites of nature and heritage conservation, or protected species or habitats that may be impacted by the proposal.

2.1.11 The Stability Risk Assessment (Appendix F) documents the structural and physical ability of the proposed scheme. This document has previously been reviewed at length and agreed in principle through the submission of a similar inert disposal application reference EPR/B3402MU.

2.1.12 The Hydrogeological Risk Assessment (Appendix G) 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.

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

2.1.14 The Environmental Management and Monitoring Plan (Appendix I), outlines the pre-operational, operational and post-operational monitoring requirements associated with the permit application.

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

# Drawings

A097237/LOC/01 – Location Plan

P1/869/6 – Restoration Masterplan

A097237/REC/01 – Receptor Plan

P1/869/5 – General Method of Working

Figure 2.2 – Borehole Locations and Surface Water Monitoring Locations

1903_RCF – Cross Sections

# Appendices

# Appendix A – Application Forms

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