

Langley Quarry Inert Recovery Site Environmental Permit Application

Non-Technical Summary

CEMEX UK Materials Limited

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Prepared on Behalf of Tetra Tech Environment Planning Transport Limited.

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1.0 INTRODUCTION

1.1 APPLICATION REQUIREMENTS

- 1.1.1 This Environmental Permit Application has been prepared by Tetra Tech 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 Buckinghamshire County Council has granted planning permission for the importation of suitable inert materials at Langley Quarry, Iver, Buckinghamshire in order to achieve the restoration scheme (Drawing Number P1/739/5 Rev C) as approved under planning permission reference CM/51/16.
- 1.1.3 In order to facilitate the restoration works, CEMEX seeks to gain a bespoke waste recovery permit for the permanent deposit of inert material to land to facilitate the restoration scheme approved under the aforementioned planning permission.

2.0 NON-TECHNICAL SUMMARY

2.1 PERMIT APPLICATION

- 2.1.1 This Environmental Permit Application is submitted to the Environment Agency 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 The application site (Langley Quarry) is located to the north of North Park Road in Iver, Buckinghamshire and at approximate National Grid Reference (NGR) TQ 02745 79484. The site location is shown on Drawing Number CEM/A103725/LOC/01.
- 2.1.3 Current access to the site is achieved off North Park Road located on the southern boundary of the site.
- 2.1.4 The immediate surroundings of the site are largely agricultural with the nearest residential property located approximately 110m south east from the site on North Park Road. To the south of the site, opposite North Park Road is Richings Park Golf and Country Club and to the north is the main Bristol to Paddington railway line.
- 2.1.5 Buckinghamshire County Council granted planning permission for the extraction of minerals at a site in Langley, Buckinghamshire. Following mineral extraction, planning permission reference CM/51/16 requires the site to be restored in accordance with the approved restoration scheme (Drawing Number P1/739/5 Rev C). As detailed in the restoration scheme, the site will be restored to agricultural land at previous levels and will comprise additional features that will enhance the biodiversity of the site.
- 2.1.6 In order to restore the site, CEMEX seeks to gain a bespoke waste recovery permit for the permanent deposit of inert material at the Langley Quarry site to facilitate the restoration scheme approved under the aforementioned planning permission.
- 2.1.7 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 aforementioned guidance 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/HB3602MC/A001 dated 30th August 2019. A copy of this letter is provided as part of the Waste Recovery Plan (Appendix B) for ease of reference.

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;
- Operating Techniques;
- Environmental Setting and Site Design;
- Environmental Risk Assessment;
- Stability Risk Assessment;
- Hydrogeological Risk Assessment;
- Gas Screening Report;
- Environmental Management and Monitoring Plan; and
- Dust Management Plan

2.1.9 Specific details of the operations at 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.

2.1.10 The Environmental Setting and Site Design report (Appendix D) describes the site in relation to the environmental setting, identifying the source terms, pathways and receptors that have been used as the basis for the risk assessments provided.

2.1.11 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 techniques, which will mitigate such impacts. This report is supported by a Nature and Heritage Conservation Screen that was requested from the Environment Agency (Reference Number EPR/HB3602MC/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.

- 2.1.12 The Stability Risk Assessment (Appendix F) documents the structural and physical ability of the recovery site over the entire life cycle of the operation.
- 2.1.13 A 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.
- 2.1.14 The Gas Screening Report (Appendix H) determines the risks presented by the placement of materials on surrounding receptors.
- 2.1.15 The Environmental Management and Monitoring Plan (Appendix I) 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 deposited materials in accordance with relevant technical guidance.
- 2.1.16 The Dust Management Plan (Appendix J) identifies the potential causes and effects of dust and describes the measures that will be in place to prevent occurrence of dust at the site.
- 2.1.17 The Noise Impact Assessment (Appendix K) provides an assessment of noise from the proposed activities. This assessment has been undertaken in accordance with the Horizontal Guidance Note IPPC H3 (Part 2) 'Noise Assessment and Control' and BS 4141:2014 standard

DRAWINGS

CEM/A103725/LOC/01 – Site Location

P1/739/5 (Rev C) – Final Restoration

APPENDIX A – APPLICATION FORMS

APPENDIX B – WASTE RECOVERY PLAN

APPENDIX C – OPERATING TECHNIQUES

APPENDIX D – ENVIRONMENTAL SETTING & SITE DESIGN

APPENDIX E – ENVIRONMENTAL RISK ASSESSMENT

APPENDIX F – STABILITY RISK ASSESSMENT

APPENDIX G – HYDROGEOLOGICAL RISK ASSESSMENT

APPENDIX H – GAS SCREENING REPORT

APPENDIX I – ENVIRONMENTAL MANAGEMENT AND MONITORING PLAN

APPENDIX J – DUST MANAGEMENT PLAN

APPENDIX K – NOISE IMPACT ASSESSMENT