

# Bleak Hill III

784-B031732

## Non-Technical Summary

## Environmental Permit Application

**CEMEX UK Materials Limited**

**December 2022**

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



Tetra Tech Manchester, Quay West at MediaCityUK, Trafford Wharf Road, Trafford Park, Manchester, United Kingdom, M17 1HH

Tetra Tech Environment Planning Transport Limited. Registered in England number: 03050297  
Registered Office: 3 Sovereign Square, Sovereign Street, Leeds, United Kingdom, LS1 4ER

# DOCUMENT CONTROL

<b>Document:</b>	Non-Technical Summary
<b>Project:</b>	Bleak Hill III
<b>Client:</b>	CEMEX UK Materials Limited
<b>Project Number:</b>	784-B031732
<b>File Origin:</b>	Z:\Projects\Cemex UK Operations (C05081)\B031732 (Hamer Landfill Extension)\Reports\Drafts\Deposit for Recovery Application\Non-Technical Summary (DRAFT).docx

<b>Revision:</b>		<b>Prepared by:</b>	Gemma Allan
<b>Date:</b>	December 2022	<b>Checked by:</b>	Alice Shaw
<b>Status:</b>	Final	<b>Approved By:</b>	Andrew Bowker
<b>Description of Revision:</b>			

<b>Revision:</b>		<b>Prepared by:</b>	
<b>Date:</b>		<b>Checked by:</b>	
<b>Status:</b>		<b>Approved By:</b>	
<b>Description of Revision:</b>			

<b>Revision:</b>		<b>Prepared by:</b>	
<b>Date:</b>		<b>Checked by:</b>	
<b>Status:</b>		<b>Approved By:</b>	
<b>Description of Revision:</b>			

<b>Revision:</b>		<b>Prepared by:</b>	
<b>Date:</b>		<b>Checked by:</b>	
<b>Status:</b>		<b>Approved By:</b>	
<b>Description of Revision:</b>			

**TABLE OF CONTENTS**

---

**1.0 INTRODUCTION ..... 1**  
**2.0 NON-TECHNICAL SUMMARY ..... 2**

**DRAWINGS**

---

CEM/B031732/PER/01 - Environmental Permit Boundary

**APPENDICES**

---

- Appendix A - Application Forms
- Appendix B - Waste Recovery Plan
- Appendix C - Operating Techniques
- Appendix D - Environmental Setting and 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

## 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 In December 2021, planning permission (reference 19/11326) was granted by Hampshire County Council (HCC) for the following:–
- “Planning permission for an extension of mineral working at Hamer Warren Quarry, to extract some 600,000 tonnes of sand and gravel from Bleak Hill III, including works to create an extended haul road and back filling with inert material and progressive restoration to agriculture with increased nature conservation and biodiversity enhancements until 31 December 2025”*
- 1.1.3 In order to facilitate the approved restoration works, CEMEX are seeking to apply for a bespoke waste recovery permit for the permanent deposit of inert waste to land at the site known as Bleak Hill III.

## 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 Bleak Hill III is located approximately 1.5km southeast of Alderholt in Hampshire and is centred at approximate National Grid Reference (NGR) SU 13026 11339. The application site is detailed on Drawing Number CEM/B031732/PER/01.
- 2.1.3 The immediate surroundings of the site are primarily agricultural in nature comprising woodland to the west, southeast and northeast and undeveloped/agricultural land to the north, south and east. The site is located approximately 1.3km west of the Avon Valley which is designated as a Site of Special Scientific Interest (SSSI), Special Protection Area (SPA) and Ramsar. The nearest residential property is located approximately 55m east off Harbridge Drove.
- 2.1.4 The north-eastern boundary is formed by Harbridge Drove Road, the northwest by the Drove End footpath which borders the Hamer Brook woodland, and the southern boundary comprises of the Hamer Warren Quarry and Landfill, alternatively known as Bleak Hill I and II, that is also operated by CEMEX.
- 2.1.5 In December 2021, planning permission (reference 19/11326) was granted by Hampshire County Council (HCC) for the following:–
- “Planning permission for an extension of mineral working at Hamer Warren Quarry, to extract some 600,000 tonnes of sand and gravel from Bleak Hill III, including works to create an extended haul road and back filling with inert material and progressive restoration to agriculture with increased nature conservation and biodiversity enhancements until 31 December 2025”*
- 2.1.6 In order to restore the site to the intended benefit, CEMEX are seeking to apply for a bespoke waste recovery permit for the permanent deposit of inert waste to facilitate the restoration scheme.
- 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;
  - Waste Recovery Plan;
  - 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
- 2.1.8 In accordance with the EA’s ‘Waste recovery plans and deposit for recovery permits’ guidance, a Waste Recovery Plan (WRP) has been prepared to demonstrate how the proposed activity meets the waste recovery test. The Waste Recovery Plan was submitted to the EA prior to this application and was subsequently

approved as detailed within EA Letter reference EPR/LB3601SD/A001 dated 5<sup>th</sup> October 2022. A copy of the approved WRP and advice letter is provided as Appendix B of this application.

- 2.1.9 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.
- 2.1.10 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.
- 2.1.11 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 technique, which will mitigate such impacts.
- 2.1.12 The Stability Risk Assessment (Appendix F) documents the structural and physical ability of the landform over the entire life cycle.
- 2.1.13 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.
- 2.1.14 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.
- 2.1.16 The Dust Management Plan (Appendix J) implements the source, receptor and pathway model to determine the impact of dust arising from the proposed activities and provides a management plan to minimise/prevent the likelihood of the potential effects becoming significant.

## DRAWINGS

CEM/B031732/PER/01 - Site Location

## APPENDICES



## APPENDIX A - APPLICATION FORMS

## APPENDIX B – WASTE RECOVERY PLAN

## APPENDIX C – OPERATING TECHNIQUES

## APPENDIX D – ENVIRONMENTAL SETTING AND 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