



Crimplesham Inert Landfill Site

Environmental Permit Application

Non-Technical Summary

September 2020

Prepared on behalf of Mick George Limited





Document Control

Document:	Non-Technical Summary	
Project:	Crimplesham Quarry Permit	
Client:	Mick George Limited	
Job Number:	A110260	
File Origin:	\\southampton14\Data\Projects\Mick George (G05059)\A110260 (Crimplesham Quarry Permit)\Reports	
Revision:	Draft	
Date:	September 2020	
Prepared by: Alice Shaw	Checked by: Michael Jones	Approved By:
Description of revision:		



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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, Mick George Limited (Mick George), in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2016 as amended.
- 1.1.2 In May 2009, planning permission (reference C/2/2008/2006) was granted by Norfolk County Council (NCC) to allow the extraction and processing of sand and gravel at the application site. Following mineral extraction, the planning permission allows the site to be restored back to agricultural land via landfilling of inert waste materials. Since then, further consents have been granted by NCC to allow variations to some of the conditions that were outlined in the original planning permission (C/2/2008/2006). Further details of these consents can be found in the Environmental Setting and Site Design (ESSD) report that accompanies this application.
- 1.1.3 In order to facilitate the approved restoration works, Mick George seeks to gain a bespoke waste disposal permit for the permanent deposit of inert waste to land at the site.



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, Mick George, 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 forms part of the Crimplesham Quarry site which is located approximately 855m east from the village of Crimplesham in Norfolk. The Crimplesham Quarry site comprises two areas of land that are separated by a road (Main Road) that runs through the middle. This application solely relates to the southern section of the quarry which is centred at approximate National Grid Reference (NGR) TF 66346 03464 and the environmental permit boundary is shown on Drawing Number P2734 D3, Rev F.
- 2.1.3 Access to the application site will be achieved via an unnamed access road off Main Road which runs along the northern boundary of the application site. The immediate surroundings of the site comprise agricultural land and the nearest residential dwelling is an isolated property off Mill Lane and is located approximately 455m north of the application site.
- 2.1.4 In May 2009 (i.e. the application site) planning permission (reference C/2/2008/2006) was granted by NCC to allow the extraction and processing of sand and gravel at the application site. Following mineral extraction, the planning permission allows the site to be restored back to agricultural land via landfilling of inert waste materials. In December 2014, planning permission (reference C/2/2014/2018) was granted by NCC to vary two conditions of permission C/2/2008/2006 which concern the Plant Site Layout and the Phasing Plan. These items were varied a second time in January 2016 under planning permission (reference C/2/2015/2038). Copies of these decision notices are provided as Appendix L.
- 2.1.5 In order to facilitate the approved restoration works within the application site, Mick George seeks to gain a bespoke waste disposal permit for the permanent deposit of inert waste to land at the site.
- 2.1.6 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;
- Landfill Gas Screening Report;
- Environmental Management and Monitoring Plan;
- Closure and Aftercare Plan;
- Financial Provision;
- Site Condition Report;
- Copy of Planning Permission; and
- Dust Management Plan.

2.1.7 Specific details of the operations at 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.

2.1.8 The Environmental Risk Assessment (Appendix C) 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.

2.1.9 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.

- 2.1.10 The Stability Risk Assessment (Appendix E) documents the structural and physical ability of the landfill over its entire life cycle.
- 2.1.11 The Landfill Gas Screening Report (Appendix G) determines the risks presented by the placement of materials on surrounding receptors.
- 2.1.12 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.
- 2.1.13 The Closure and Aftercare Plan (Appendix I) demonstrates how the landfill will be maintained following cessation of filling activities to the point of surrender of the Environmental Permit, to avoid any risk of pollution.
- 2.1.14 The Financial Provision document (Appendix J) shows all associated costs of environmental monitoring, restoration, monitoring, reports, site reports and security.
- 2.1.15 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.
- 2.1.16 Appendix L provides the current Planning Permission for the site.
- 2.1.17 Appendix M details the Dust Management Plan for the site.



Drawings

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Appendices



Appendix A – Application Forms



Appendix B – Operating Techniques



Appendix C – Environmental Risk Assessment



Appendix D – Environmental Setting and Site Design



Appendix E – Stability Risk Assessment



Appendix F – Hydrogeological Risk Assessment



Appendix G – Landfill Gas Screening Report



Appendix H – Environmental Management and Monitoring Plan



Appendix I – Closure and Aftercare Plan



Appendix J – Financial Provision



Appendix K – Site Condition Report



Appendix L – Planning Permission



Appendix M – Dust Management Plan