



Wakerley Inert Landfill

Environmental Permit Application

Non-Technical Summary

December 2019

Prepared on behalf of Mick George 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, 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 December 2015, planning permission (reference 08/00026/MIN) was granted by Northamptonshire County Council (NCC) to allow the extraction of ironstone and overlying minerals at Wakerley Quarry. Following mineral extraction, planning permission 08/00026/MIN requires the site to be restored to a low level profile which would have resulted in an unnatural landform. Mick George Limited currently have a planning application in with NCC (Reference Number 19/00060/WASFUL) to import suitable material to restore the site to a more naturalistic profile in accordance with the restoration scheme (Drawing Number W4 18 02). As detailed in this restoration scheme, the site will be restored back to agricultural land and will comprise additional features that will enhance the biodiversity of the site. A copy of the current planning permission is provided in Appendix L of this application.
- 1.1.3 In order to facilitate the 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 is situated at Wakerley Quarry which is located approximately 0.5km south west of the village of Wakerley and is centred at approximate National Grid Reference (NGR) SP 94500 97800. The site location and the environmental permit boundary is shown on Drawing Number MGL-A099077-PER-01.
- 2.1.3 Access to the application site is achieved via a private access road, located to the north east of the site, off the A43 (as shown on Drawing Number W4-18-01) as approved under planning permission 08/00026/MIN. The immediate surroundings of the site comprise agricultural land to the north and west with extensive woodland (Wakerley Great Wood) to the east and south. The nearest residential dwellings to the application site are situated approximately 500m north of the site at Wakerley.
- 2.1.4 In December 2015, planning permission (reference 08/00026/MIN) was granted by Northamptonshire County Council (NCC) to allow the extraction of ironstone and overlying minerals at Wakerley Quarry. Following mineral extraction, planning permission 08/00026/MIN requires the site to be restored to a low level profile which would have resulted in an unnatural landform. Mick George Limited currently have a planning application in with NCC to import suitable material to restore the site to a more naturalistic profile in accordance with the restoration scheme (Drawing Number W4 18 02). As detailed in the restoration scheme, the site will be restored back to agricultural land and will comprise additional features that will enhance the biodiversity of the site.
- 2.1.5 In order to facilitate the restoration works, Mick George seeks to gain a bespoke waste disposal permit for the permanent deposit of inert waste to land at the site.
- 2.1.6 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;
- Noise Impact Assessment and Noise Management Plan; 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 Noise Impact Assessment and Noise Management Plan for the site.
- 2.1.18 Appendix N details the Dust Management Plan for the site.

