

# Greetham Quarry Environmental Permit Application

## Non-Technical Summary

Mick George Limited

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Prepared on Behalf of Tetra Tech Environment Planning Transport Limited.  
Registered in England number: 03050297

# Document Control

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## 1.0 INTRODUCTION

### 1.1 APPLICATION REQUIREMENTS

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- 1.1.1 This Environmental Permit Application has been prepared by Tetra Tech 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 March 2020 a planning application was submitted to Rutland County Council (reference 2020/0297/MIN) for the North-Western Extension to Greetham Quarry including the Extraction of Limestone and Building Stone and Importation of Suitable Inert Materials.
- 1.1.3 Following mineral extraction, the site will be progressively restored in accordance with the restoration scheme detailed in the Restoration Plan (Drawing Number G17/1/19/04 Revision C). As detailed in the restoration scheme, the site will be restored to a low level of agricultural land and calcareous grassland.
- 1.1.4 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 located on a parcel of land adjacent to the existing Greetham Quarry and is located on the northern boundary of the village of Greetham and 1.75 kilometres (km) southwest of the village of Stretton. The site is centred at National grid Reference (NGR) SK 92941 15078 and the environmental permit boundary is shown on MGL/B027573/PER/01.
- 2.1.3 Access to the existing quarry is via an access road off Stretton Road (B668) on the south east side of the existing quarry. The proposed development includes plans for a new access point into the proposed extension area which will allow access to the site off Thisleton Lane which runs along the northern boundary of the site. The site is bounded by Great Lane to the west, Thisleton Lane to the north, the existing Greetham Quarry to the East and the village of Greetham to the south.
- 2.1.4 In March 2020 a planning application was submitted to Rutland County Council reference 2020/0297/MIN) for the North-Western Extension to Greetham Quarry including the Extraction of Limestone and Building Stone and Importation of Suitable Inert Materials.
- 2.1.5 Following mineral extraction, the site will be progressively restored in accordance with the restoration scheme detailed in the Restoration Plan (Drawing Number G17/1/19/04 Revision C). As detailed in the restoration scheme, the site will be restored to a low level of agricultural land and calcareous grassland.
- 2.1.6 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.
- 2.1.7 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

- Environmental Risk Assessment
- Environmental Setting and Site Design
- Hydrogeological Risk Assessment
- Noise Management Plan
- Dust Management Plan
- Stability Risk Assessment
- Landfill gas Screening Report
- Environmental Management and Monitoring Plan
- Closure and Aftercare Plan
- Financial Provision

2.1.8 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 to be carried out at the site. In summary, this document provides details of:-

2.1.9 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 Risk Assessment (Appendix C) addresses 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 EPR/KB3305HH/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 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, including the Hydrogeological Risk Assessment and the Environmental Risk Assessment.
- 2.1.12 A Hydrogeological Risk Assessment (Appendix E) 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 Noise Impact Assessment and Management Plan (Appendix F) provides an assessment of noise from the proposed activities and measures that will be in place to minimise the risk of noise to impact sensitive receptors.
- 2.1.14 The Dust Management Plan (Appendix G) 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.
- 2.1.15 A Stability Risk Assessment (Appendix H) documents the structural and physical ability of the landfill over the entire life cycle of the landfill.
- 2.1.16 The Landfill Gas Screening Report (Appendix I) determines the risks presented by the placement of materials on surrounding receptors.
- 2.1.17 The Environmental Management and Monitoring Plan (Appendix J) 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.
- 2.1.18 Closure and Aftercare Plan (Appendix K) demonstrates how the landfill will be maintained following cessation of filling activities to avoid any risk of pollution to the point of surrender of the Environmental Permit.
- 2.1.19 Financial Provision (Appendix L) shows all associated costs of environmental monitoring, restoration, monitoring, reports, site reports and security.