

# Great Billing Quarry

## Environmental Permit Application

### Closure and Aftercare Plan

Mick George Limited

October 2022

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

# Document Control

<b>Document:</b>	Closure and Aftercare Plan
<b>Project:</b>	Great Billing Permit Application
<b>Client:</b>	Mick George Limited
<b>Job Number:</b>	B029956
<b>File Origin:</b>	N:\Projects\Mick George (G05059)\Grt Billing\B029956 (Gt Billing Permit)\Reports

<b>Revision:</b>		<b>Status:</b>	Final
<b>Date:</b>	October 2022		
<b>Prepared by:</b>	Isabelle Mills	<b>Checked by:</b>	Alice Shaw
		<b>Approved by:</b>	Michael Jones
<b>Description of revision:</b>			

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

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

## TABLE OF CONTENTS

---

1.0	INTRODUCTION .....	1
2.0	CLOSURE AND AFTERCARE PLAN .....	2
3.0	CONCLUSION .....	4

## DRAWINGS

---

G13/20/01 (Revision B) – Restoration Strategy Plan

## APPENDICES

---

Appendix A – Copy of ‘Nature Conservation and Landscape Management and Restoration Strategy’ document

Appendix B – Copy of ‘Great Billing Quarry – Discharge of Conditions Scheme’ document

## 1.0 INTRODUCTION

### 1.1 REPORT CONTEXT

---

- 1.1.1 This section of the Environmental Permit Application corresponds Appendix 4, Question 7 of Part B4 of the application forms, specifically detailing the Closure and Aftercare Plan for Great Billing Quarry.
- 1.1.2 This Environmental Permit application has been prepared by Tetra Tech on behalf of Mick George Limited (Mick George).
- 1.1.3 The aim of this report is to ensure that the site can be maintained to avoid any pollution risk up to the point of permit surrender, when the site no longer poses a pollution risk.
- 1.1.4 This plan will be updated on a regular basis to take account of revisions to working practices and results of any monitoring undertaken.

## 2.0 CLOSURE AND AFTERCARE PLAN

- 2.0.1 The purpose of the closure and aftercare plan is to ensure that the regulated facility can be maintained to avoid any pollution risk up to the point of the Environment Agency (EA) accepting the surrender of the Permit, when the site is no longer likely to cause a hazard to the environment. This will include the monitoring requirements of the aftercare phase and the necessary measures required to fulfil landfill completion.
- 2.0.2 The aftercare period extends from the time of final restoration to when pollution control measures are no longer required. At this site, this will include groundwater and landfill gas monitoring installations. The aftercare stage will include sampling and monitoring of groundwater and landfill gas in accordance with a reviewed Environmental Monitoring Plan.
- 2.0.3 As detailed on the approved restoration scheme (Drawing Number G13/20/01, Revision B), restoration of the site will include a combination of natural habitats in the southern part of the site including reedbeds, wet and neutral grasslands, hedgerows and waterbodies. Areas of arable land with additional boundary features will be included in the northern part of the site. the site will be restored to agricultural land, grassland, wetlands and other habitats such as hedgerows and woodland.

### Restoration

- 2.1.1 The site would be restored to a combination of agricultural land, grassland and wetlands. The wetlands would run east to west along the southern side of the site which would be achieved through water management, soil form and planting. Approximately half of the applications site would be restored to farmland, the southern area of which would be a grassland habitat and maintained to encourage biodiversity with new planting. The new planting would include mixed native species hedgerows with trees, and the improvement of existing hedgerows.
- 2.1.2 The restoration works will comprise the use of topsoil and subsoil material that will be stripped and retained on site.
- 2.1.3 The material deposited at the site will be strictly inert and be accepted in accordance with waste acceptance procedures set out in the Operating Techniques (Appendix B of this Environmental Permit Application).

### Aftercare

- 2.1.4 Aftercare will be undertaken in accordance with the following documents that were formally discharged by NCC in connection to Conditions 23 and 34 of planning permission 17/00053/MINFUL :-

- 'Nature Conservation and Landscape Management and Restoration Strategy' document (dated April 2021); and
- 'Great Billing Quarry – Discharge of Conditions Scheme' document (dated April 2021).

2.1.5 Copies of these documents are provided as Appendices A and B respectively.

## 3.0 CONCLUSION

- 3.0.1 The Closure and Aftercare Plan demonstrates that the proposed activity at the Great Billing Quarry can be managed and maintained to avoid any pollution risk up to the point of surrender, when the site will no longer pose a pollution risk.

## DRAWINGS

G13/20/01 (Revision B) – Restoration Strategy Plan



## APPENDICES

---

## APPENDIX A

Copy of 'Nature Conservation and Landscape Management and Restoration Strategy' document

## APPENDIX B

---

Copy of 'Great Billing Quarry – Discharge of Conditions Scheme' document