



**Greenhill Lake**

**Environmental Permit Application**

**Non-Technical Summary**

**November 2019**

Prepared on behalf of Mick George Limited





## Document control

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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 January 2014, planning permission (Reference Number SDC/14CM002) was granted by Warwickshire County Council (WCC) to allow the importation of suitable material for the shallowing of Mitre Lake, located to the east of the Bishops Bowl Fishery as well as bank stabilisation and the creation of reed beds (as identified on Drawing Number BBF-18/1). These works have now been completed.
- 1.1.3 The fishery owners now seek to undertake improvement works at the Greenhill Lake complex which comprises three lakes to the west of the fishery (Greenhill Lake, Belles Lake and Rush Glen Lake). The works would be similar to the works permitted under planning permission SDC/14CM002 by improving a series of interconnected water bodies containing further marginal reedbed areas, establishing additional "shallows" within the larger water bodies, together with areas of grassland on the margins that will complement existing habitats elsewhere within the site.
- 1.1.4 In order to facilitate the works, a planning application (Reference Number SDC/18CM019) was submitted to WCC in July 2018 which was subsequently approved in October 2018. A copy of the decision notice and a secondary non-material amendment (December 2018) are provided as Appendix L.
- 1.1.5 To complete the works, Mick George have been commissioned by the owners of Bishops Bowl Fishery to undertake the works using inert waste materials. As such, Mick George seeks to gain a bespoke environmental permit to allow the importation of inert waste material to undertake the appropriate stabilisation and ecological improvement works.



## 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 approximately 1km south east from the village of Harbury and approximately 960m north from the village of Bishop's Itchington. The site is centred at approximate National Grid Reference (NGR) SP 38352 59008 and the proposed environmental permit boundary is shown on Drawing Number MGL/A109343/PER/01.
- 2.1.3 Access to the site is achieved from an unnamed access road off the B4451 and runs along the eastern boundary of the site. The immediate surroundings of the site are largely agricultural with the nearest residential property located approximately 75m south of the application site at Walmorth Farm.
- 2.1.4 The site comprises a series of lakes which were formed by former Blue Lias Limestone quarry workings. The lakes have been developed as a commercial fishery (Bishops Bowl Fishery) since 2009 for coarse freshwater species.
- 2.1.5 In January 2014, planning permission (reference SDC/14CM002) was granted by Warwickshire County Council (WCC) to allow the importation of suitable material for the shallowing of Mitre Lake, bank stabilisation and the creation of reed beds (as identified on Drawing Number MGL/A114610/PER/01). The majority of the works have now been completed.
- 2.1.6 The fishery owner now seeks to undertake similar works at the Greenhill Lake complex which comprises three lakes to the west of the fishery (Greenhill Lake, Belles Lake and Rush Glen Lake). The works would involve improving a series of interconnected water bodies containing further marginal reedbed areas, establishing additional "shallows" within the larger water bodies, together with areas of grassland on the margins that will complement existing habitats elsewhere within the site.
- 2.1.7 In order to facilitate the works, a planning application (reference SDC/18CM019) was submitted to WCC in July 2018 which was subsequently approved in October 2018. A copy of the decision notice and a secondary non-material amendment (December 2018) are provided as Appendix L.



2.1.8 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;
- Expenditure Plan;
- Site Condition Report;
- A copy of the Planning Permission;
- Noise Impact Assessment and Noise Management Plan; and
- Dust Management Plan.

2.1.9 The required Application Forms are provided in Appendix A.

2.1.10 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:-

- Waste types and waste acceptance criteria;
- Site records;
- Emissions control;
- Incidents and non-conformance procedures;
- Accident management; and



- Emergency procedures.
- 2.1.11 The Environmental Setting and Site Design report (Appendix C) 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 The Environmental Risk Assessment (Appendix D) 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.
- 2.1.13 The Stability Risk Assessment (Appendix E) documents the structural and physical stability of the proposed development over the lifecycle of the material infilling.
- 2.1.14 A Hydrogeological Risk Assessment (Appendix F) provides the geological and hydrogeological setting of the site allowing the development of a conceptual model to determine the risk that the activity will pose to underlying groundwater.
- 2.1.15 The Landfill Gas Screening Report (Appendix G) determines the risks presented by the placement of materials on surrounding receptors.
- 2.1.16 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 and perimeter monitoring boreholes, in waste monitoring boreholes in accordance with relevant technical guidance.
- 2.1.17 The Closure and Aftercare Plan (Appendix I) demonstrates how the site will be maintained following cessation of filling activities to avoid any risk of pollution to the point of surrender of the Environmental Permit.
- 2.1.18 The Expenditure Plan document (Appendix J) shows all associated costs of environmental monitoring, restoration, monitoring, reports, site reports and security.
- 2.1.19 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.

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2.1.20 Appendix L provides the current Planning Permission for the site.

2.1.21 Appendix M details the Noise Impact Assessment and Noise Management Plan for the site.

2.1.20 Appendix N details the Dust Management Plan for the site.