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ENERGY AND CLIMATE CHANGE
ENVIRONMENT AND SUSTAINABILITY
INFRASTRUCTURE AND UTILITIES
LAND AND PROPERTY
MINING, QUARRYING AND MINERAL ESTATES
WASTE RESOURCE MANAGEMENT



LLOYDS QUARRIES LIMITED

Maes Mynan Quarry

Environmental Permit Application

Non Technical Summary

October 2011

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DRAWINGS

Drawing No	Title	Scale
ST12017-003	Site Location	1:50000
NL06704/06	Areas of Reinstated Landform	1:2000
ST12017-002	Cross Sections	1:2500

1 INTRODUCTION

- 1.1 Maes Mynan Quarry is under active extraction for the winning of sand and gravel. Parts of the site have had the mineral exhausted, parts have been restored, other areas are under active extraction and part of the eastern area of the quarry remains to be extracted. Drawing No ST12017-003 shows the location and intended environmental permit boundary of the site.
- 1.2 Drawing No NL06704/06 shows the intended completed landform, following completion of extraction and restoration. Drawing No ST12017-002 shows cross sections through the site from the latest survey undertaken in August 2011.
- 1.3 Restoration of the quarry has been ongoing for some time with the importation of suitable waste material being conducted initially under the benefit of an exemption to Waste Management Licensing, first registered in December 1995 (Ref: WW1/E/LLO004/2). This permitted the deposit of waste for the purpose of restoration. The registration expired upon implementation of the Waste Management Licensing (England and Wales) (Amendment and Related Provisions) Regulations 2005, on 30 September 2005. A new exemption was registered from 19 September 2006 under the revised regulations, and was renewed in 2007, 2008 and 2009 under the Environmental Permitting Regulations 2007.
- 1.4 However, under the Environmental Permitting (England and Wales) Regulations 2010, the exemption ceased to apply on 1 October 2011 and a bespoke environmental permit is now required to authorise the continuation of the work.
- 1.5 The Caerwys Tufa SSSI lies approximately 160m to the east of the planning permission boundary for the quarry. A Risk Assessment has been undertaken and is appended to the Waste Recovery Plan, included as part of this application. It concludes that it is highly unlikely that the proposed permitted activities will cause any negative impact on the Caerwys Tufa SSSI.

- 1.6 A valid planning permission is in force for the site and includes the requirement for site restoration. A Landscape Restoration Concept for the site was submitted to and approved by Clwyd County Council. The restoration scheme is nature conservation led and incorporates a large lake, a variety of wetland habitats, sand banks and areas of grassland/agricultural pasture. Proposed vegetation types and habitat provision are in accordance with regional and local landscape characteristics and reflect National Vegetation Classification (NVC) of community types present in the area. Consideration has been given to requirements laid out in Clwyd County Council's Local Biodiversity Action Plans.
- 1.7 Once the restoration scheme is completed it is envisaged that the site will be a nature reserve and made available for agricultural use.
- 1.8 There is no requirement to extend the boundaries of the quarry.

2 WASTE ACCEPTANCE AND HANDLING

- 2.1 Only inert wastes will be imported into the site for use in the restoration programme. All incoming waste will be subject to strict procedures and checks to ensure that only authorised waste types, as listed in the Environmental Permit, are accepted. Any unauthorised waste deliveries will be rejected from the site.
- 2.2 The restoration scheme is based on engineered designs, contours and levels that were submitted to and approved by Clwyd County Council. Only the minimum amount of inert waste necessary to complete the works will be imported to the site.
- 2.3 Site restoration will be supervised by suitably competent persons to ensure the work complies with the engineered designs and meets the requirements of the Planning Permission and Environmental Permit.

3 AMENITY

- 3.1 Preventative measures will be used as the prime means to control nuisance and detriment from noise and dust.

- 3.2 Vehicles and mobile plant are fitted with silencers to ensure that noise is minimised. Plant is maintained in accordance with the manufacturers' recommendations.

- 3.3 During dry conditions, working areas of the site or any areas that may give rise to dust will be sprayed with water using a bowser.

- 3.4 The site will only accept inert wastes. These wastes do not give rise to odour, litter or provide a food source for birds, vermin or insects.

