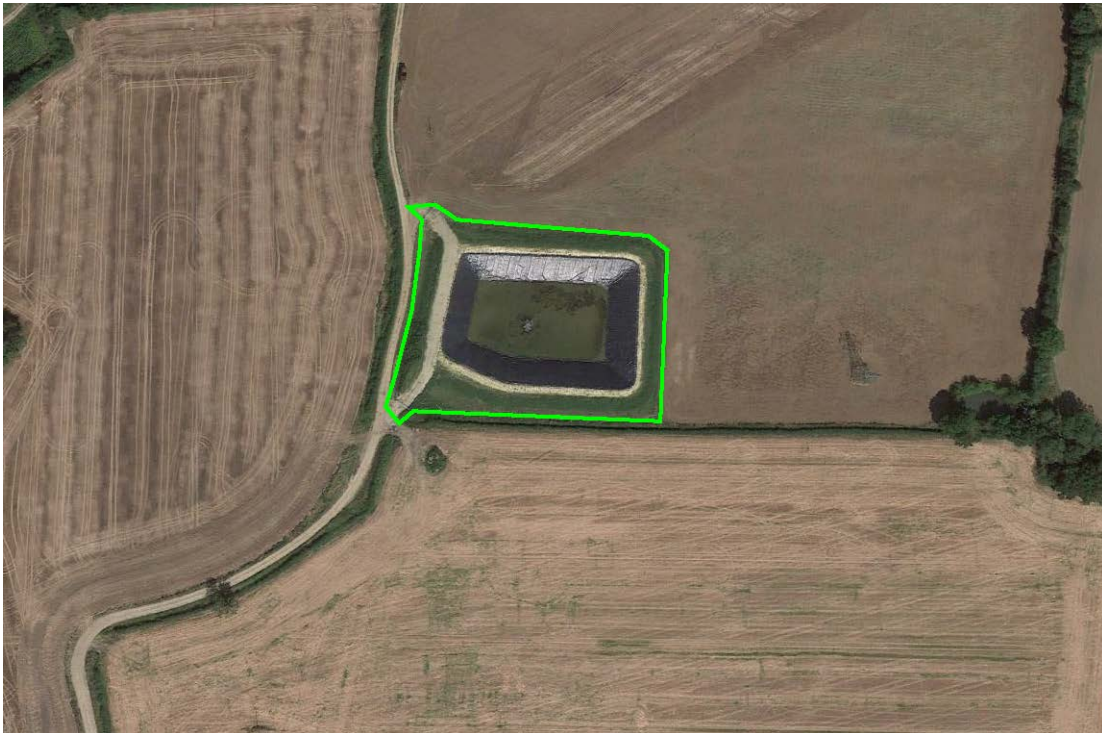


Environmental Management System



Upland Farm Lagoon

Permit Application: EPR/LB3504GC/A001

Non Technical Summary

November 2022

LB3504GC Bespoke Permit Application: Non-Technical Summary

Introduction

- 1.1 M Gaze and Company Ltd. operate a controlled waste packaging recycling and composting facility at their Crossways Farm site. The facility is managed according to Environmental Permit NP 3994NA/003.
- 1.2 Liquid effluent (LoW Code 19 02 03) produced from the Crossways Farm facility is currently applied to land at Upland Farm using deployments agreed under mobile plant permit GP3992SC/V004.
- 1.3 Implementation of the Farming Rules for Water (2018) and Environment Agency landspreading guidance has recently limited the spreading of M Gaze and Co liquid waste to land during the winter months and when there are no crop requirement for the nutrients it contains. Storage on the Crossways Farm facility is constrained by other permitted activities.
- 1.4 M Gaze and Co. Ltd are therefore tasked with providing sufficient and suitable storage for their liquid waste during non-spreading periods. M Gaze and Co Ltd propose to temporarily store liquid waste in an appropriately designed and constructed HDPE lined earth banked slurry store located at Upland Farm.
- 1.5 Planning permission for the lagoon was granted on 12th October 2017 by South Norfolk Council and construction was completed in 2018. The lagoon has since been used for the storage of PAS110 anaerobic digestate and more recently of up to 1,150m³ under agreed deployments.
- 1.6 The storage facility will be operated according to the principles and guidance set out in EPR Standard Rule Set No 17, 2010 for the Storage of Wastes to be Used in Land Treatment. Whilst SR No 17, 2010 includes a provision to store Waste Code 19 02 03, the descriptive element of the LoW code, i.e. '*premixed wastes composed only of non-hazardous wastes*' is not included in Table 2.3 of SR No 17, 2010. This necessitates a bespoke permit application to regularise the slight disparity in the 19 02 03 LoW Code descriptions.

Environmental Baseline

- 1.7 An environmental baseline is set out in the permit working plan including details of the following
 - Site Location
 - Climate and relief
 - Geology
 - Soils
 - Location and type of sensitive residential and ecological receptors

Site Management and Permitted Activities

1.8 Proposals for site management are set out and explained within the working plan together with permitted activities as follows:

- The permit will operate as a storage facility under activity code R13,
- A List of Waste Codes for the site is included and based on Standard Rule Set No 17, 2010,
- The primary waste to be stored at the site will be 19 02 03 consisting of premixed wastes not including hazardous substances,
- Treatment or co-mixing of wastes is not proposed and only liquid wastes suitable for landspreading are to be stored in the lagoon.

Lagoon Design and Construction

1.9 Lagoon construction was completed under the supervision of an appropriately qualified structural and civil engineer and a copy of design drawings and a validation report are provided.

1.10 The capacity of the lagoon is 10,000m³ and details of how it will be operated are included in the working plan.

Risk assessment

1.11 A risk assessment demonstrates that the lagoon will result in a low risk to potential environment receptors identified in the baseline assessment and should not constrain the permit application.

1.12 An odour management plan has been prepared for the filling, storage and emptying of the lagoon which sets out proposals for assessing, monitoring and mitigating odour risk.

Accident management

1.13 Proposals for management of potential emissions through accidents are considered and contingencies outlined

1.14 The operation proposes the storage of non-flammable liquids and does not include storage for combustible wastes. In line with Environment Agency pre-screening recommendations, a Fire Prevention Plan (FPP) has been deemed unnecessary.

Competence

1.15 The permit will be managed by Mitchell Gaze who holds a current WAMITAB qualification and certificate of continuing competence, details of which are provided.