

HARRIS BRIDGE FARM WASTE
TRANSFER STATION


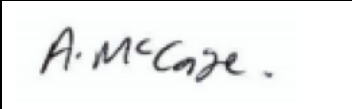

NON-TECHNICAL SUMMARY

WRIGHTS OF TWYCROSS LIMITED

NOVEMBER 2021



SUMMARY TABLE	
SITE:	Harris Bridge Farm Waste Transfer Station – Non-Technical Summary
SITE ADDRESS:	Harris Bridge, Sibson, Warwickshire, CV13 6LS
CLIENT:	Wrights of Twycross Limited
DATE:	November 2021
REFERENCE	IV.324.20
DOCUMENT PROPOSAL:	Operation of a Waste Transfer Station.
COMMENTS:	

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Date:	November 2021	
Version:	1.0	



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1.0 INTRODUCTION

1.1 PREAMBLE

This Environmental Permit Application has been prepared by Ivy House Environmental (Ivy) on behalf of Wrights of Twycross Limited (Wrights), in accordance with the requirements of the Environmental Permitting (England and Wales) Regulations 2016 as amended.

Wrights seeks a Bespoke Permit to operate a Waste Transfer Station to undertake the following:

- Screening, bulking, sorting and separation of non-hazardous construction and demolition waste;
- Storage, bulking up and transfer of sewage grit and screenings, street sweepings and gully waste;
- Dewatering of drilling muds and dredgings;
- Bulking up of wash waters from washing out tanks and tankers; and
- Storage, bulking up and transfer of septic tank wastes for off-site treatment.

The waste codes which refer to the above are set out in the Operating Techniques document, submitted with this application.

The Applicant is applying for a bespoke permit to operate a Waste Transfer Station with treatment for non-hazardous waste. It is proposed that there will be a total throughput of 23,000 tonnes per annum for the facility which is split between 13,000 tonnes (10,000m³) of liquid wastes and 10,000 tonnes of grits and dry/solid wastes.

The application seeks to allow Wrights to undertake the following Disposal and Recovery activities:

- D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced);
- R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced);
- R3: Recycling/reclamation of organic substances which are not used as solvents;

- R5: Recycling/reclamation of other inorganic materials.

1.2 LIMITATIONS

This report has been produced in accordance with industry best practice at the time of writing.

Ivy House Environmental Ltd have, in the production of this report, relied upon information provided by third parties. Ivy House Environmental Ltd do not warrant the accuracy of this information and will not be responsible for any opinions which Ivy House Environmental has expressed, or conclusions which it has drawn, in reliance upon information which is subsequently proven to be inaccurate.

All statements and opinions provided in this report have been reported in good faith and are based on the information provided at a time.

This report has been prepared for the sole use of the client and shall not be relied upon or transferred to third parties without the express written consent of Ivy House Environmental. Unauthorised third parties rely upon the information contained within this report at their own risk.

2.0 NON-TECHNICAL SUMMARY

2.1 Permit Application

This Environmental Permit Application is submitted to the Environment Agency by the Operator, Wrights, 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.

The Harris Bridge Farm Waste Transfer Station is within the district of Hinckley and Bosworth Borough Council, which is located in the South West of Leicestershire, approximately 2.2km south east of the town of Twycross. The site is situated within a farming estate, which is surrounded by open fields to the immediate north, south, east and west. The site is centred at approximate National Grid Reference (NGR) SK 35168 03407.

Access for staff and visitors to the site is achieved via Gibbet Lane which is accessed directly off the A444 (Church Street). There is a farmhouse onsite and the nearest residential dwelling is located approximately 235m west of the site on the corner of Watery Lane and the A444.

The site's main operational area is fully concreted. The site will be fully bunded with sealed drainage, and will boast of the following:

- a reception area;
- a quarantine area for non-conforming incoming wastes (which will ensure that quarantined wastes do not contaminate those which have been deemed suitable for acceptance on the site);
- external designated storage areas for non-hazardous wastes which consist of bays; and
- a liquid waste storage area consisting of one sludge storage tanks and one effluent collection tank.

The site location and the environmental permit boundary is provided on Drawing Number 127785-102A.

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 – Appendix A;
- Site Plans – Appendix B;
- Site Condition Report – Appendix C;
- Operating Techniques – Appendix D;
- Environmental Risk Assessment – Appendix E;
- Odour Management Plan – Appendix F; and
- Dust Management Plan – Appendix G.

The **Site Condition Report** sets out the history of the site and provides a summary of the activities being applied for, a site description and historic site uses, which will be utilised when Wrights wishes to surrender the permit.

Specific details on the operations of the site are provided in the **Operating Techniques** document, which describes both the operational techniques and the management procedures carried out at the site. In summary, this document will consist of:

- Site Operations;
- Waste Types;
- Emissions Controls;
- Monitoring Proposals;
- Incidents and Non-Conformance Procedures;
- Accident Management; and
- Emergency Procedures.

An **Environmental Risk Assessment** 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 with such linkages being internal pathways. Where potential for harm is identified, the assessment identifies management or engineering techniques, which will mitigate such impacts.

The **Odour Management Plan** sets out how the site will comply with the requirements of Environment Agency Guidance Note H4 – how to comply with your environmental permit and

'Non-hazardous and inert waste: appropriate measures for permitted facilities', July 2021. In summary the main odour management techniques are as follows:

- Odour producing wastes will be stored in sealed tanks;
- Waste acceptance procedures;
- Good housekeeping and regular cleaning of equipment and storage areas; and
- Careful control of stockpiles to prevent build up or aging of wastes.

The **Dust Management Plan** sets out the dust management procedures at the site and utilises the following guidance documents: 'Non-hazardous and inert waste: appropriate measures for permitted facilities', July 2021; EA Risk Assessment for Environmental Permits; Control & Monitor Emissions for your Environmental Permit and EA 'Dust & Particulate Emission Management Plan' template v10. In summary, the site will control dust emission via the following techniques:

- Provision of bays;
- Dampening of stockpiles;
- Spray bar fitted on the screening unit;
- Coverage of stockpiles; and
- Good housekeeping.