

**BESPOKE ENVIRONMENTAL PERMIT APPLICATION**

**Appendix 5 Non-Technical Summary**

Prepared for: Greenwaste Recycling Services Limited



## NON-TECHNICAL SUMMARY

### I Introduction

GREENWASTE RECYCLING SERVICES LIMITED, has instructed 360 Environmental Ltd to prepare a permit application, under the Environmental Permitting (England and Wales) Regulations 2016 (as amended), for the proposed road sweepings transfer and treatment site at;

Station House

Hanbury Road

Droitwich

Worcs

WR9 7DX

The Environment Agency (EA) application forms require a non-technical summary to be submitted in support of any variation to an environmental permit, and includes the following:

- an explanation of exactly what is being applied for;
- a summary of the regulated facility; and
- a summary of the key technical standards and control measures arising from the risk assessment.

This Non-Technical Summary should be read in conjunction with the rest of this application which contains:

- Application Forms A, B2, B4, F1
- Supporting Information
- Operating Techniques Document
- Environmental Risk Assessment.

GREENWASTE RECYCLING SERVICES LIMITED are not making a claim for commercial or industrial confidentiality for any part of this variation application.

The operation will be a bespoke application due to the requirement to accept an EWC code for treatment not listed within a Standard Rules permit.

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Due to the nature of the waste streams accepted, there is no requirement for a Fire Prevention Plan (FPP).

## 2 The proposed site

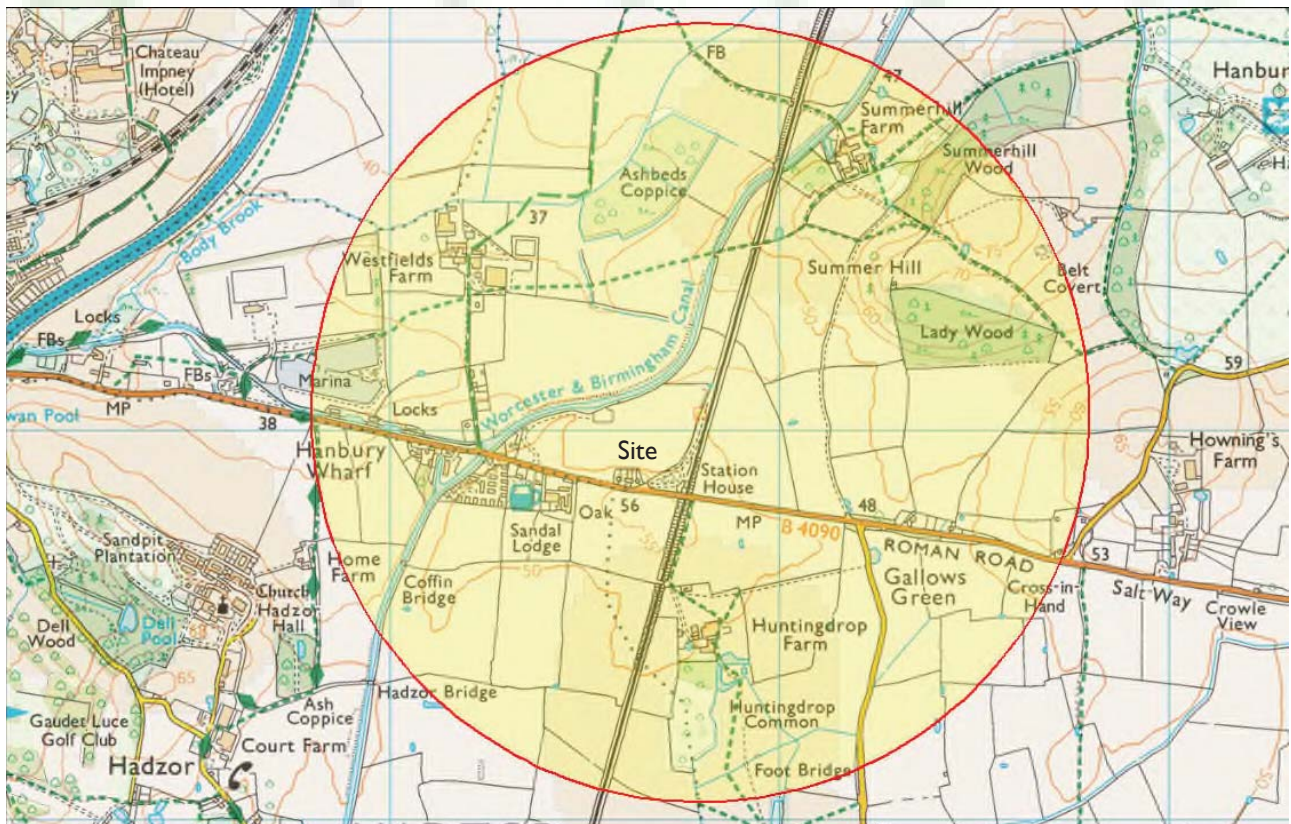
The site is to be located at Station House Yard (SO 92783 63002) with the treatment operation taking place entirely on an impermeable surface with a sealed drainage system.

The site is located in a semi - rural location sandwiched between a former landfill site and a railway line. It is accessed via a private lane, via a security gate, from the B 4090 public highway. It is located within land owned by the operator.

The site lies in excess of 2 750 m from the nearest SSSI (Dean Brook Valley Pastures).

The outskirts of Droitwich Spa are situated approximately 1 950 m to the west of the site.

The location of the site is shown in the following map with a 1 000 m radius applied.



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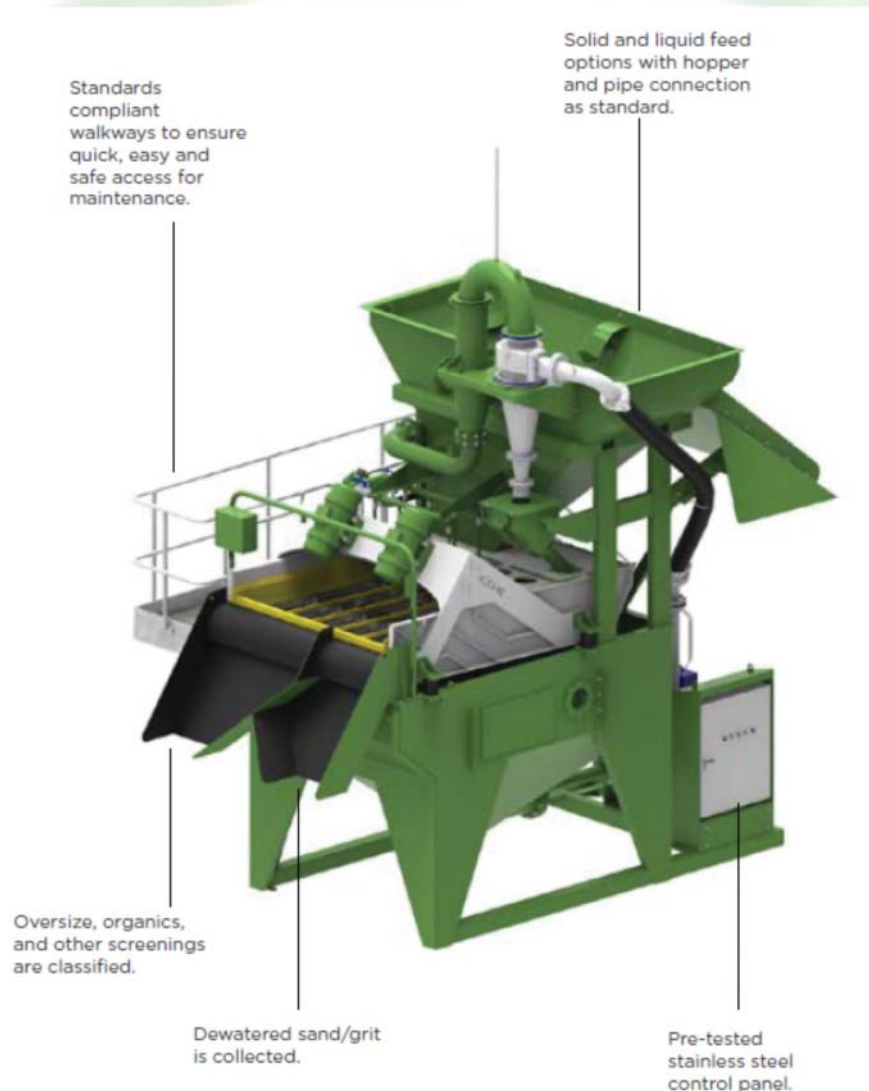
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The site does not lie within a groundwater source protection area and there are no surface waters within the immediate vicinity of the proposed site.

The site is bunded to prevent any liquids from escaping the site.

### 3 Summary of permitted waste types and proposed activities

The proposed site will store road sweeping wastes for temporary storage prior to treatment using the purpose designed and constructed equipment. In this case the CD Enviro G:Max dual stage wet recycling system.



Road sweeping and gully wastes will be stored temporarily prior to treatment within the plant. The treated material discharges in to separate skips where it is removed from site for further use and/or treatment.

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Any hazardous waste such as oils and fuels from road traffic accidents or environmental spills will not be collected so there will only be non-hazardous waste accepted at the proposed road sweepings treatment facility.

The activities that will be carried out at the site as defined under Annex II of the Waste Framework Directive can be summarised as follows:

- R3: Recycling or reclamation of organic substances which are not used as solvents;
- R5: Recycling/reclamation of other inorganic compounds
- R13: Storage of wastes pending any of the operations numbered R1 to R12
- D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).

### **4 Operating Techniques**

The site will be operated in accordance with the Operating Techniques document which has been drafted to satisfy the requirements of Environment Agency Guidance, and details the following:

- management;
- site operations;
- emissions and monitoring; and
- Information.

Operational management procedures will ensure that:

- the risks that the activities pose to the environment are identified;
- the measures that are required to minimise the risks are identified;
- the activities are managed in accordance with the management system and operating techniques document;
- performance against the management system is audited at regular intervals; and
- compliance with the environmental permit.

The risk management and mitigation measures employed at the site and identified in the environmental risk assessment are detailed in the sites operating techniques document.

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In summary, the rules and operating procedures employed at the site will ensure the following with respect to the specified waste management activities:

- All waste treatment and storage will take place on concrete impermeable pavement provided with sealed drainage;
- Concrete impermeable surfacing throughout the site and falls towards the drainage channels means that no potentially contaminated runoff from the site can enter the nearby watercourse or soak in to the ground;
- All potentially polluting wastes will be stored above ground on an impervious base and surrounded by impervious bund walls;
- Strict waste acceptance procedures will be adhered to, to ensure only permitted wastes are accepted on site;
- The site manager will ensure that regular inspections are made of the site. If necessary, remedial measures will be arranged as soon as possible.

### **5 Assessments**

#### ***Environmental risk assessment***

An environmental risk assessment (ERA) has been carried out to assess the environmental risk posed by the proposed variation to the activity. There are no point source emissions to land, air, surface or groundwater from the proposed facility.

The proposed facility will have drainage infrastructure in place at the site so that all potentially contaminated site drainage is captured and directed via a sealed system, consisting of concrete impermeable pavement across the site with falls towards the drain channels that captures all liquids and directs it to a sealed tank.

Operational procedures at the site will monitor and manage amenity and accident risks from the proposed activities and includes provision for the monitoring of odour, noise, and fugitive emissions. The impact of the proposed development on surrounding human and environmental receptors has been assessed in the ERA.

As the management measures detailed in the risk assessment are currently in place the conclusion has been reached that the proposed waste materials and treatment activities, are unlikely to result in a

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significant accident risk or risk to the local environment, including from odour and noise, or pollution of surface or ground waters.

### **6 Site Condition Report**

A Site Condition Report (SCR) has been prepared as part of this application as the proposed site will be undertaken on a new site.

The proposed facility will operate with due regard to the conditions of the environmental permit and all relevant environmental legislation to ensure that land and groundwater is protected during the lifetime of the site and that the land is in a satisfactory state when the permit is eventually surrendered.

The possibility of any significant releases to the ground occurring during the lifetime of the permit is therefore limited. All waste will be stored and treated on areas of impermeable concrete to eliminate direct potential pathways to soil and groundwater. Minor spillages, if they occur, are dealt with immediately by trained staff using appropriate spill response procedure and spill kits located around the site. The impermeable concrete site surfacing will locally break any potential pathway for contaminants that could be emitted from the permitted activities to land or groundwater.

### **7 Operating Techniques Document**

The site will be operated in accordance with the management system and the operating procedures for the site. These documents are drafted to satisfy the requirements of the permit and ensure environmental protection at all times and detail the following:

- management;
- site operations;
- emissions and monitoring; and
- information.

Operational management procedures will ensure that:

- the risks that the activities pose to the environment are identified;
- the measures that are required to minimise the risks are identified;
- the activities are managed in accordance with the management system and operating techniques document;

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- performance against the management system is audited at regular intervals; and
- compliance with the environmental permit.

The risk management and mitigation measures employed at the site and identified in the environmental risk assessment are detailed in the sites operating procedures document.

In summary, the rules and operating procedures employed at the site will ensure the following with respect to the waste management activities:

- All waste management operations will only take place within the permit boundary that is provided with impermeable pavement with drainage to a sealed tank;
- Concrete impermeable surfacing covers all areas of the site so that no potentially contaminated runoff from the site can enter groundwater;
- Strict waste acceptance procedures will be adhered to, to ensure only permitted wastes are accepted on site;
- There will be no storage of potentially combustible waste;
- The site manager will ensure that regular inspections are made of the site. If necessary, remedial measures will be arranged as soon as possible.

### **8 Conclusion**

The overall conclusion of the studies undertaken in support of this bespoke environmental permit application for a liquid waste storage and treatment facility at Holme Farm, Ince is that there is unlikely to be a significant environmental impact.

GREENWASTE RECYCLING SERVICES LIMITED are fully committed to ensuring the highest standards are met and will undertake their activities in a manner consistent with best industrial practices and in accordance with the company's environmental management system.

*This document has been prepared by 360 Environmental Limited with reasonable skill, care and diligence, and taking account of the manpower, timescales and resources devoted to it by agreement with GREENWASTE RECYCLING SERVICES LIMITED (the Client) as part or all of the services it has been appointed by the Client to carry out. It is subject to the terms and conditions of that appointment.*