

Non-Technical Summary

1.1 Introduction

This Non-Technical Summary (NTS 210323) is prepared by Chemical Compliance Services Ltd, in support of question 5C to the Environmental Permit application form Part B2 and seeks to provide a concise summary of the application in non-technical language.

Smiths Aggregates Solutions Ltd is seeking permission from the Environment Agency to import inert Waste and other inert materials to meet the restoration requirement at Land North or Lathbury, Buckinghamshire.

The planning permission includes a requirement that the site is ecologically enhanced and is infilled using appropriately sourced wastes (inert material). The site is a 25.6 ha site and is located north of Newport Pagnell within the pronounced loop of the River Great Ouse. It is bounded to the south-west by Northampton Road (B526) with the village of Lathbury immediately beyond the road. Adjacent to the north-west boundary of the site is agricultural land and, further to the north-west is Gallards Farm and associated agricultural buildings. The site is adjacent to the River Great Ouse (to the north-east) and is separated by a small area of woodland known as Ash Spinney.

The site is centred on NGR SP 87580 45730

Figure 1 - Site Location



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The site has Planning Permission (18/00009/MIN) to extract sand and gravel and restore using Inert Waste (or inert material) to include an area of ecological enhancement.

The land was originally in agricultural use. The landowner confirmed from the outset that the land is required to be returned to a beneficial agricultural use to assist the farms on-going rural activities. The importation of inert waste will therefore assist in the restoration of the site. As part of the restoration strategy, as a result wherever practicable, Smith seek to maximise biodiversity benefits in the interests of enhancing the nature conservation aspects of the restoration works.

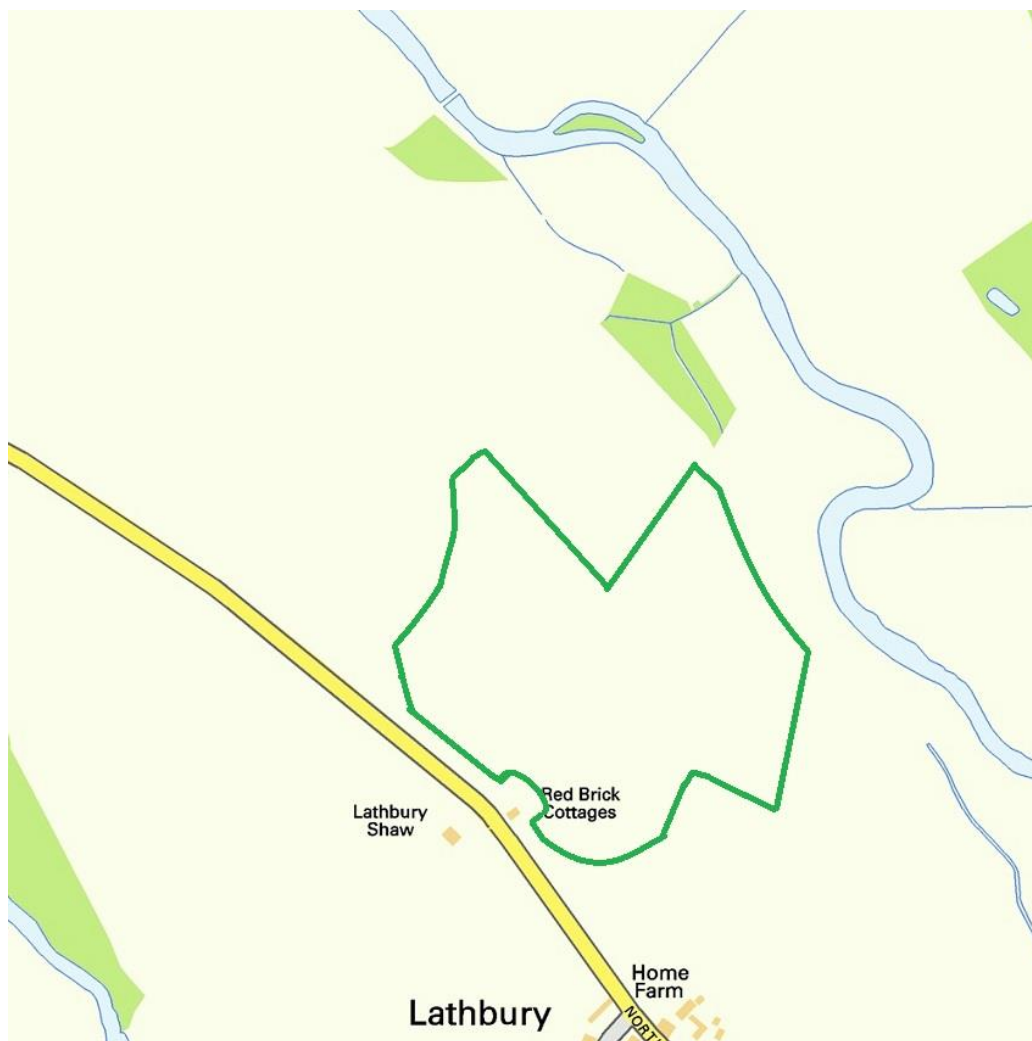
1.2 Waste Recovery

A Waste Recovery Plan (WRP - FINAL– v4, by Chemical Compliance Services (CCS) Ltd) was submitted to and approved by the Environment Agency as being a waste recovery operation on 05 January 2021.

Prior to becoming a quarry for Sand & Gravel, the site is not known to have any previous industrial or potentially contaminative activities other than being used for agricultural purposes. An Environmental Setting and Site Design (2664_ESSD_vn F2 (Mar 21) complete) report that sets out the conceptual site model and accompanies the application by Smiths Aggregates Solutions Ltd, for a Bespoke Environmental Permit for the proposed operation of a waste recovery activity.

The development area will be covered by the permit boundary as outlined in Figure 2.

Figure 2 – (Sketch) – see APPENDIX - DG1-A SMLATH2103 (by GWP Consultants) - Permit Boundary



The extraction area will be progressively restored through the 10 year operation. Once extraction of the area is complete and the void has been infilled, the sub and topsoil will be reinstated and grassed over. This will prepare the land for agricultural activities once the operation has ceased.

The gravel extraction will follow a phased plan to engineer inert excavation waste (or otherwise) in the void as the extraction progresses. The engineering will be in accordance with the recommendations in the Stability Risk Assessment. As the inert excavation waste (or otherwise) material can always be used for restoration, construction, or earthworks then it is not being landfilled or discarded. Smith will invariably source inert excavation waste from their own projects and will deliver the material knowing that it is being used for a beneficial use and restoration, not discarded.

1.3 Waste Acceptance and Permitted Activities

All waste will be accepted on to the Site in strict accordance with the Waste Acceptance Procedure.

The material being delivered to site will predominantly be from Smith Construction Group site projects and transported using Smith Construction lorries and own appropriately trained drivers.

Checks will ensure the quality of the incoming waste material before it arrives on site.

The application seeks to permit the recovery of inert waste or other sourced inert material using Recovery Codes R10, R5 & R13.

- R13: Storage of wastes pending any of the operations numbered R5 and R10
- R5: Recycling or reclamation of other organic materials
- R10: Land treatment resulting in benefit to agriculture or ecological improvement.

1.4 Staffing and General Maintenance

Access to the Site will be through a gated entrance from the Sherrington Road.

The standard operating hours of the Site will be:

0700 – 1800 Monday to Friday; and

0700 – 1300 Saturday.

The Site will not undertake operations on Sundays, Public or Bank Holidays unless otherwise agreed in writing with the Environment Agency.

Staff will have clearly defined roles and responsibilities. Appropriate training will be undertaken, and appropriate written instructions will be given, where necessary. Copies of any such written instructions will be retained and used to investigate any incidents. Any Contractors present on Site will be provided with necessary information and training before commencing work. All Site-based machinery and equipment will be serviced and maintained in accordance with the manufacturers' recommended maintenance schedules.

The Site will be fenced with lockable gates and the gates will always be kept locked when the Site is not operating. The Site will be fully manned during the operating hours given above and outside these operating hours as arrangement and procured by Smith.

Due to the nature of the materials that will be received at the Site there will not be a significant odour, litter, pest, vermin, or fire risk.

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Fuels will only be stored for the purpose of refuelling on-Site equipment and vehicles and will be provided with a second containment system in the event of failure of the main containment. On site fuels will be kept to minimum. Appropriate firefighting equipment will be available at the Site.

A noticeboard will be displayed near the Site entrance and will include: the Company Name, Emergency Contact Details, the Site Permit Number and the Environment Agency's contact details.

Mud is unlikely to present an issue due to the length of the site road HGVs will travel to and from the deposit area. Appropriate wheel cleaning is provided to clean site equipment and vehicles. If required, a road sweeper will be available to deal with any mud or dust building up on hard surfaces.

Any complaints received, and subsequent action undertaken will be recorded in accordance with the Environmental Management Plan for the Site.

1.5 Operator Competence

Smith are an experienced Civil Engineering & Groundworks Construction and Waste Management Company that has continually been involved with large multi-phased developments in the Milton Keynes area and surrounding districts over the last 25+ years.

The Site will be operated by a technically competent person for the waste management operations qualified under the Waste Management Industry Training and Advisory Board (WAMITAB) competency certification. The Site will be operated under Smith's own Management Plan.

1.6 Environmental and Hydrogeological Risk Assessment

A Hydrogeological (groundwater) Risk Assessment (HRA) has been prepared for the Site. It sets out information relating to the Site's surface and sub-surface setting and Conceptual Site Model (CSM) with regards to the proposed use of inert waste in restoring the quarry.

Risks to "controlled" (groundwater and surface water) waters have been assessed by Hafren Water under report reference 2664/HRA - F2, dated Mar 2021 which concludes that the proposed waste recovery operation will not create an unacceptable risk to groundwater, surface water and springs in a protected woodland area (Ash Spinney).

The risk from substances not already controlled by limits (odour, noise, vibration, ground gas, dust, mud, litter, and pests) have been assessed in the Environmental Risk Assessment (CCS reference - CCS-SMITH 210223) which concludes the risk from these substances to be low.

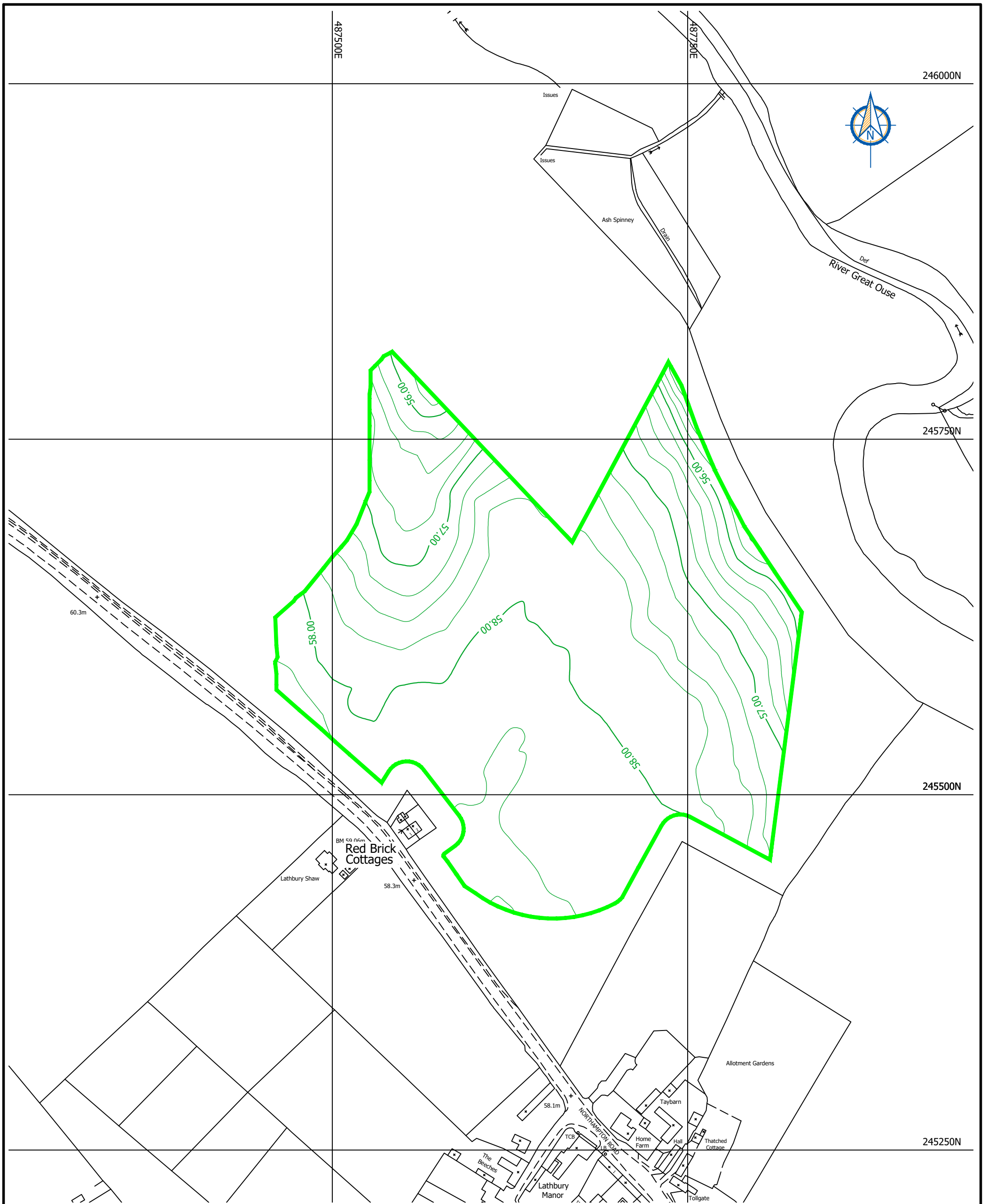
1.7 Environmental Monitoring

As discussed above, odour, dust, and gas emissions are deemed to be controlled by planning and the Operator's Environmental Management Plan and procedures and hence no additional monitoring is proposed.

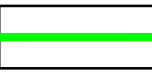

Due to the inert nature of the material to be recovered, there is no requirement for collection and management of leachate, hence monitoring of leachate is not proposed.

At times when it is necessary to discharge surface waters held with the Site settlement lagoons to the River Great Ouse under the discharge consent EPR/TB3494VA, monitoring for the parameters determined within the consent will be undertaken.

APPENDIX



LEGEND

	Environmental Permit application boundary JB3608FR/A001 - deposit for recovery		Proposed final restoration contour MAOD
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Version	Revision and compilation notes	Date
a	Issued	04.03.2021

Project Lathbury Quarry			
Site plan			
Client SMITH aggregates			
Date 04.03.2021	Drawn EB/EMB	Checked MP	Scale 1:2500 at A3
Drawing Ref SMLATH2102	Drawing No 1	Version a	



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