Non Technical Summary

193082/NTS

1.0 INTRODUCTION

1.1 Application Detail & Scope

This Non Technical Summary (NTS) supports the bespoke environmental permit for use of waste for recovery at Leen Valley Golf Club, Wigwam Lane, Hucknall, Nottingham NG15 7TA. The Operator is Contour Golf Limited. The proposal involves the import and use (R5 and R13 code) of 239,442 tonnes (119,721 m^3) of suitable waste types in accordance with the approved Waste Recovery Plan. This importation and construction is anticipated to take place over 1-2 years. The use of waste involves reprofiling the existing golf course. The site location is presented in drawing 193082/D/001.

The capping and reprofiling of the golf course will go ahead, subject to submission and grant of planning permission by Nottinghamshire County Council. The ground of the existing course is subject to settlement and deterioration, which has damaged the drainage network beyond repair, with made ground becoming exposed from under the poor quality topsoil. These deformations have been detrimental to business and are far below the standard expected from a golf course.

Pre-application consultation concluded that the EA are in agreement that the activities are a recovery operation (ref. EPR/HB3903HE/A001). The Waste Recovery Plan sets out the RvD argument, placement of waste, waste type and is part of the application. The Waste Recovery Plan has been submitted again for information along with the approval letter. A confidentiality letter has been included for omission of Annex A. To note, minor re-design, which has led to no significant change in overall landform or use, has led to a small decrease in volume. This does not alter the principle approval set out in the waste recovery argument and there is no requirement for re-assessment.

Table 1. Application Data

Site Address	Leen Valley Golf Club Wigwam Lane Hucknall NG15 7TA
Area (hectares)	6 hectares
Site National Grid	SK 54509 49046
Operator and Applicant	Contour Golf Limited
Total Importation Capacity	239,442 tonnes
Importation Duration	1 year importation

The environmental setting and risk profile are set out in the Environmental Setting & Site Design (ESSD), the H1 Risk Assessment and the Site Condition Report.

1.2 Environmental Context

The site lies circa 875 m east of Hucknall town centre, in Nottinghamshire. The site is bordered to the south by commercial and industrial land uses. To the west by residential and commercial land uses. To the north west by allotments and residential land uses. To the north and east it is bordered by an existing golf course.

The underlying bedrock geology is Cadeby Formation- Dolostone. It is understood that the site was situated over a former mineral working and was subject to mineral extraction. There are no recorded superficial deposits at the site. The bedrock geology is designated as Principal Aquifer. The site is not within a groundwater protection zone.

The nearest watercourse is a surface water drain located in the eastern area of the site that flows south east and drains into the River Leen circa 445 m east of the site boundary. There is a branch of the River Leen that is located circa 15 m south east of the site that confluences with the northern branch of the River Leen circa 530 m south east of the site. The majority of the site lies within Flood Zone 1 and thus at a very low risk of fluvial flooding. A small portion of the western area of the site lies within Flood Zone 2. There are no SACs, SPAs, NNR or SSSI's within 2 km of the site.

2.0 WASTE RECOVERY ACTIVITIES

2.1 Materials Recovery

This bespoke permit application is for the importation of waste material for the required earthworks to cap and reprofile Leen Valley Golf Club. The works will require a net import volume of 239,442 tonnes of Class 1 or 2 engineering fill, which may be imported from mainly construction and demolition sites. The proposed site layout is presented in drawing 193082/D/003.

Acceptable construction waste from local sites would be imported, placed and compacted under the Environmental Permit for the Deposit of Waste for Recovery. The relevant engineering criteria are set out in the Waste Recovery Plan (193082/WRP) submitted with this application. The waste material imported will comply with the environmental criteria set out in the Importation Protocol (193082/IP) submitted with this application.

2.2 Site Management and Operation

The Operator will manage the importation and placement of the engineering material, ensuring the appropriate environmental standards and controls will be adopted. The operation will be supervised by a nominated Technically Competent Person (TCP) in accordance with the permit requirements.

The site will be accessed from Wigwam Lane. The Operational Plan (193082/OP) outlines the controls for importation of material. The site will be managed by a well-trained local workforce and meet high environmental standards. The site will operate on standard construction hours as presented in Table 2.

Table 2. Site Operational Hours

Days	Hours
Monday to Friday	0700-1900
Saturday	No vehicle movements or operation
Sunday and Public Holidays	No vehicle movements or operation

The site will be operated in accordance with the Operator's site-specific Environmental Management System (EMS) and wider Operational Plan (OP) (193082/OP) submitted with this application.

The EMS sets out the following:

- Control of operations on the environment;
- Register of Environmental Effects;
- Monitoring of emissions;
- Managing Staff Competence & Training (Roles and Responsibilities);
- Record Keeping;
- Inspections;
- Policies; and
- Reviews of the EMS.

In addition, the EMS will include copies of the following:

- Site Infrastructure Plan;
- Site and Equipment Maintenance Plan;
- Contingency Plans; and
- Accident Prevention and Management Plan.

3.0 ENVIRONMENTAL ASSESSMENT

3.1 Overview

The works will be completed in accordance with the site Operational Plan. This is attached within the supporting information.

3.2 Emissions to Air

During the importation and placement works, dust may become airborne from areas of fill and during periods of haulage and placement. Key sensitive land uses are shown on drawing 193082/D/002.

All working controls are outlined in the dust emissions management plan (193082/DEMP).

3.3 Noise

Key sensitive land uses are shown on drawing 193082/D/002. The nearest sensitive receptor susceptible to noise emissions will be the residential properties immediately to the north west and north of the site boundary.

Given the length of time (temporary construction over 1-2 years) and the type of activity, the risk of noise is considered very low. However, a noise management plan has been submitted with controls in accordance with good practice.

A noise management plan (193082/NMP) is submitted with this application. With the correct implementation of working controls, the risk of significant noise emissions causing a deterioration in local amenity or nuisance is considered to be low.

3.4 Risks from Import Materials (human health / controlled waters)

The site will operate strict importation controls, which will ensure engineering and environmental specifications are adhered to. This includes prior assessment and validation inspection regimes to ensure material conforms. Through this process the environment and human health will be protected at all times. The Importation Protocol is protective of both controlled waters and human health.

All materials imported will be tested to demonstrate that they are fully compliant to the appropriate importation protocol. Testing will be undertaken through an accredited UKAS laboratory.

The material will be imported and placed in accordance with BS 6031:1981 ‘Code of Practice for Earthworks’.

Working and emergency controls will be implemented through the Operator’s EMS to ensure that any spills of pollutants do not impact the water resources.

Surface water will be monitored in accordance with the HRA and the drainage plan.