

**NON-TECHNICAL SUMMARY FOR PROPOSED RECOVERY
OPERATIONS AT THE FORMER HAUL ROAD AT STOBWOOD,
NORTHUMBERLAND**

3865OR02/June 2023

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PROJECT NUMBER	3865	
PROJECT TITLE	Waste Recovery Permit – Stobswood Haul Road	
CLIENT	Sanders Plant & Waste Management Ltd 40 Butterwell Drive Pegswood Morpeth NE61 6YE	
REPORT TITLE	Non-Technical Summary for Proposed Recovery Operations at the Former Haul Road, Stobswood, Northumberland	
REPORT REFERENCE	3865OR02	
REVISION	Date	Checked
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NON-TECHNICAL SUMMARY FOR PROPOSED RECOVERY OPERATIONS AT THE NORTH STOBWOOD FORMER HAUL ROAD, NORTHUMBERLAND

1 INTRODUCTION

Sanders Plant and Waste Management Ltd (The Client) is applying to the Environment Agency under The Environmental Permitting Regulations for a Bespoke Environmental Permit for use of imported waste soils to restore an approximately 2 km long stretch of the former haul road utilised by a now-restored open cast mine site, to agricultural land and the creation of publicly accessible bridleway. The proposed activity will broadly align with a Standard Rules Permit No. 39 (SR2015 No. 39) covering deposit for recovery.

2 SITE LOCATION AND DESCRIPTION

The site is located at approximate National Grid Reference 421415E, 591342N located to the south and west of Ulgham, Northumberland as shown in Drawing 3865OD01, Appendix 1.

The haul road was originally constructed as a route from the former Stobswood open cast mine site, to a road and rail loading point known as the 'Butterwell Disposal Point' to the east of the current Application Area.

The level of the road varies from 50 m AOD in its northern most extent and exhibits a general southerly increase with a maximum elevation of 81 m AOD in the southwestern corner.

3 PROJECT DESCRIPTION

Following the closure and restoration of the Stobswood Open Cast Mine, it is proposed to restore the northern and western sections of the former haul road in line with the surrounding land levels to allow the site to be readopted as agricultural land and to enable to creation of a public bridleway.

Planning permission (including restoration requirements) for the mine and associated haul road was originally granted in 2006. Preliminary details for the restoration were submitted by Harworth Estates in 2017 as required by Northumberland County Council. Harworth sold the site to Sanders Plant and Waste Management Ltd who subsequently submitted the current Planning Application (Ref: 2022/02162/CCM) for the northern and western section of the haul road (Sections A to F as illustrated in Drawing 21-144-002, Appendix 1), planning permission for which was granted in March 2023. It is understood that a separate future planning application will be made for the eastern section of the haul road.

4 PROPOSED WASTE MANAGEMENT OPERATIONS

Following the closure and restoration of the former Stobswood open cast coal mine to the north, the haul road has been left intact pending agreement of final restoration proposals. As required by the current planning permission, it is now proposed to restore the northern and western sections of haul road by removal of the existing 600-900 mm subbase and

asphalt surfacing (for disposal off-site), and importation of clean landscape fill materials, to achieve the desired restoration levels.

As such, there is a necessity to import suitable landscape materials to site to restore the former haul road. However, significant volumes of material are required in order to fulfil the restoration proposal set out in the Planning Application. There is a lack of locally available suitable non-waste landscape materials to undertake the restoration required and, as such, a recovery operation utilising suitable 'waste' landscape materials is necessary.

Therefore, it is proposed to utilise clean landscape materials sourced by the Client from local housing development projects to restore the site levels. These landscape materials are technically classed as 'discard' or 'waste' as, when originally excavated, they have had no predetermined use. The quantities required have been determined by the Contractor to be a total volume of 27,600 m³). The materials will be confirmed as uncontaminated via chemical testing, and materials that do not pass the chemical assessment criteria will not be accepted.

There will be no point source discharges to controlled waters (e.g. The River Lyne) or groundwater.

5 SENSITIVE RECEPTORS AND RISK ASSESSMENT

Bricks Plantation, which is designated as a Protected Habitat, is located within 50 m of the proposed recovery works in Section D in the north of the site which also passes within 30 m of the River Lyne. The site is in an agricultural area and the nearest residence is approximately 265 m to the southwest of the site.

The Standard Rules parameters 1 to 3 and 5 to 10 have been met, as demonstrated in Ref. 2 and, therefore, the Environment Agency Generic Risk Assessment has been adopted with respect to these. However, as part of the northern section (Section D) of the site passes both within 50m of Brick Plantation, a designated Protected Habitat (SR Parameter 4), and 30 m from the River Lyne a more detailed risk assessment has been undertaken, which identified the following potential risks: -

- Potential hydrocarbon spillages from plant and machinery present a very low to low risk of pollution to groundwater and the River Lyne via leaching of contaminants. However, transport of these potential contaminants via surface runoff presents a moderate risk of pollution to the River Lyne.
- Release of dust or silt via surface water runoff presents a moderate risk of pollution to the River Lyne.
- Liberation of airborne dust in dry weather may present a low risk of pollution to the River Lyne.

To mitigate these risks the following mitigation measures are to be implemented:

- That the site shall be fenced and the fencing in the areas of the River Lyne, and the unnamed drainage ditches, will be sand bagged at the base to prevent surface water run-off and silt from entering surface waters during the restoration works.

- To reduce the potential for localised hydrocarbon spills, fuels and oils shall be stored in a suitably bunded area and spill kits should be carried by all vehicles. Vehicles shall maintain a good standard of repair to minimise the risk of leaks.
- During periods of hot, dry weather, the site should be dampened down to reduce the potential for dust to be generated by the works.
- Upon completion of the restoration works the site shall be topsoiled to promote retention of surface water and growth of vegetation for agricultural use.

6 EMISSIONS

There will be no point source emissions or discharges from the proposed activity. However, an emissions management plan (Ref. 4) has been prepared to mitigate for the potential for fugitive (principally dust) emissions.

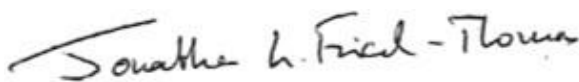
7 MONITORING AND MANAGEMENT

The monitoring to be undertaken for the potential for fugitive emissions is detailed in the emissions monitoring plan (Ref. 4) and will be undertaken in accordance with the Environmental Management System (Ref. 3) but is to broadly comprise daily inspections and use of control measures such as surface dampening and surface water management.

8 SUMMARY OF APPLICATION DOCUMENTS

The following documents are included with this application: -

- 3865OR01 Waste Recovery Plan (Ref. 1)
- 3865OR02 Non-Technical Summary (this report)
- 3865OR03 Environmental Site setting and Site design Report (ESSD) and Risk Assessment (Ref. 2)
- 3865OR04 Environmental Management System (Ref. 3)
- 3865OR05 Emissions Management Plan (Ref. 4)



PRINCIPAL CONSULTANT



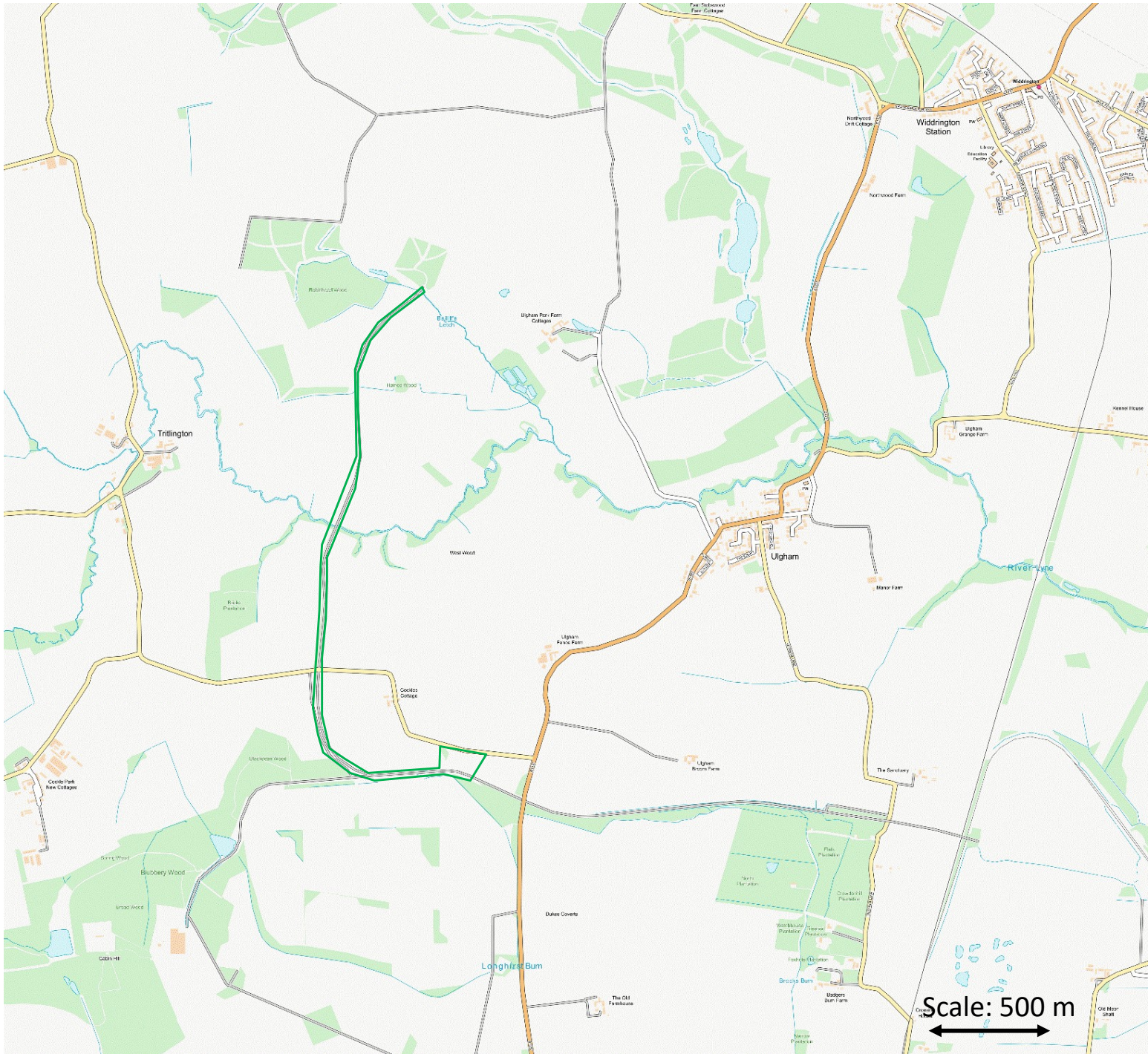
DIRECTOR

9 REFERENCES

- 1 FWS Consultants Ltd, June 2023. Waste Recovery Plan for the Proposed Recovery Operations of a Former Haul Road, at Stobswood, Northumberland. Ref. 3685OR01Rev2.
- 2 FWS Consultants Ltd, June 2023. Environmental Setting and Site Design Report (ESSD) and Risk Assessment for a Bespoke Environmental Permit for the Proposed Recovery Operations at the Former Haul Road at Stobswood, Northumberland. Ref. 3865OR03Rev1.
- 3 FWS Consultants Ltd, June 2023. DRAFT Environmental Management System for the Proposed Recovery Operations at the Former Haul Road at Stobswood, Northumberland. Ref. 3865OR04.
- 4 FWS Consultants Ltd, June 2023. DRAFT Emissions Management Plan for the Proposed Recovery Operations at the Former Haul Road at Stobswood, Northumberland. Ref. 3865OR05.

APPENDIX 1

DRAWINGS



NOTES / KEY

SITE BOUNDARY

CLIENT

Sanders Plant and Waste Management

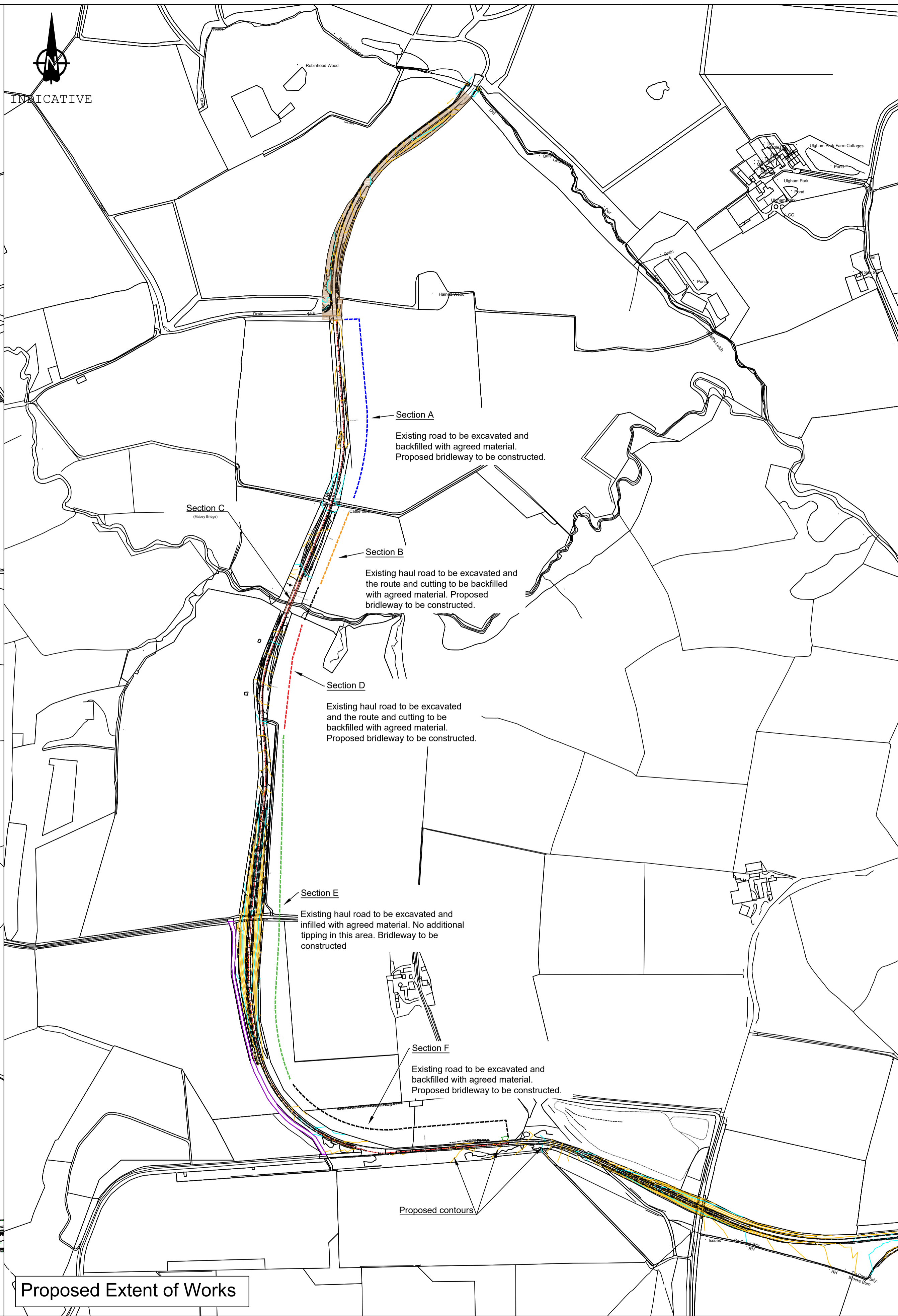
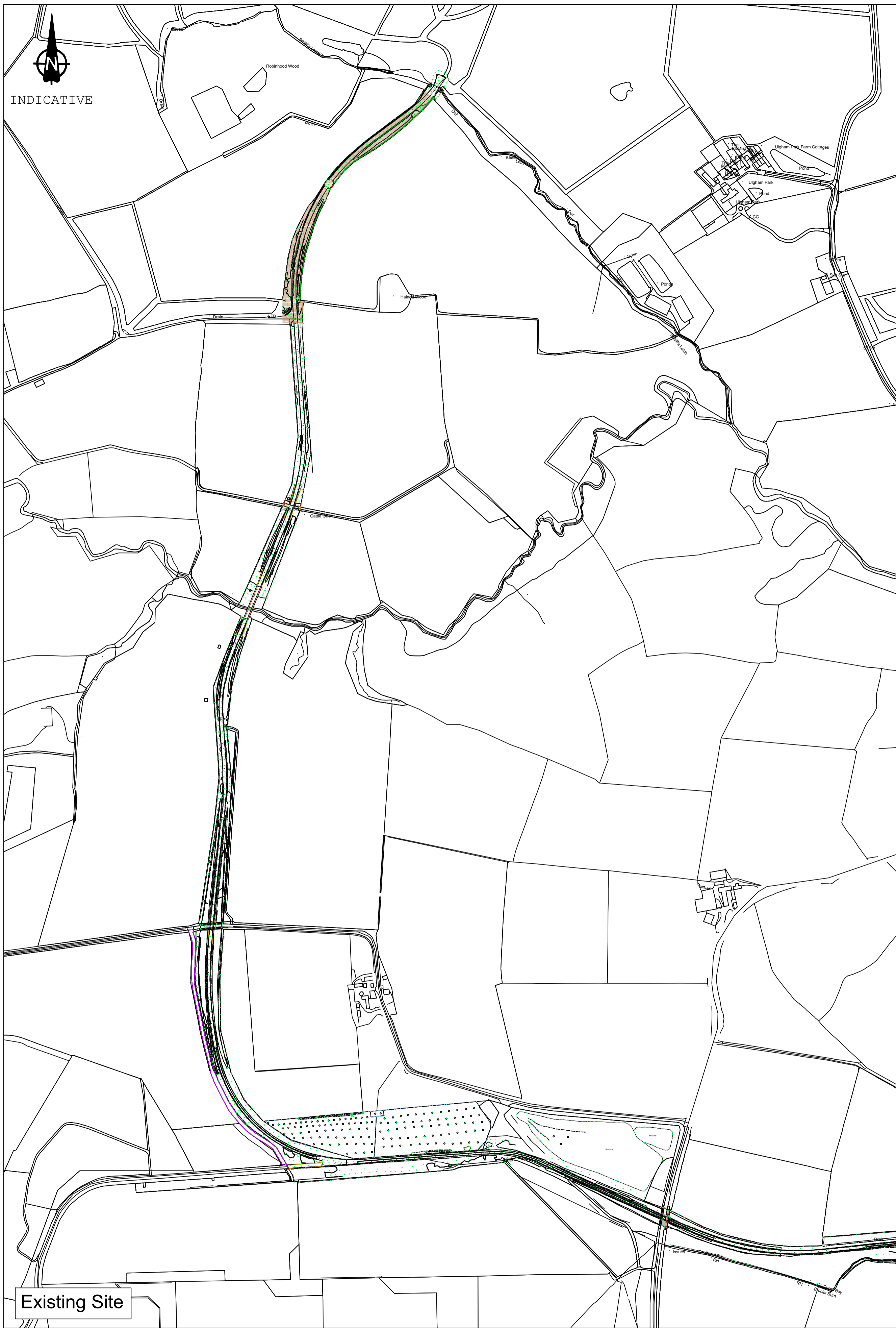
DRAWING TITLE

SITE LOCATION PLAN

PROJECT TITLE

STOBWOOD HAUL ROAD

STATUS	PROJECT NUMBER
FINAL	3865
DRAWN BY	DATE
JFT	Apr 2023
SCALE	DRG. No.
AS SHOWN	38650D01



- Notes**
1. Do not scale from this drawing. All dimensions shown are in metres unless noted otherwise.
 2. This drawing has been based upon topographical survey information and Milestone Transport Planning cannot be held responsible for any discrepancies which may arise because of it.

Key:

Proposed Contours - — —

Ordnance Survey Licence number: 100057360

Drawing Revisions				
Rev.	Drn.	Date	Details	Chk.
-	JW	28/04/2022	First issue	DK
A	JW	18/05/2022	Updated sections	DK
B	JW	23/05/2022	Updated sections	DK
C	JW	31/05/2022	Brideway detail added	DK

Client

Sanders Plant & Waste Management Ltd

Project

Stobswood Haul Road

Title

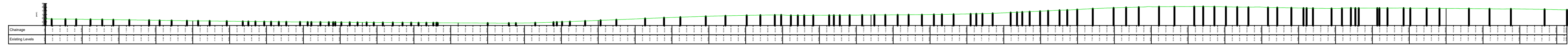
Existing / Proposed Extent of Works

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Drawing Number: 21-144-002

Scale: 1:5000 @ A1

Revision: C



APPENDIX 2

NOTES ON LIMITATIONS

NOTES ON LIMITATIONS

- 1 FWS Consultants Ltd (“FWS”) has prepared this report solely for the use of the client and/or his agent (the “Client”) on the basis of exchange(s) of written proposals and instructions, and FWS accepts no responsibility or liability:-
 - a) for use of this report by any party other than the person for whom it was commissioned, or;
 - b) for the consequences of the report being used for any purpose other than that for which FWS was instructed to prepare it.

Should any third party wish to use or rely upon the contents of the report, written approval from FWS must be sought.

- 2 All information supplied by the Client, the Client’s staff and professional advisers, local authorities, other statutory bodies, investigation agencies and publicly accessible databases, shall be provided to FWS in writing, and is accepted as being correct unless otherwise specified in writing by the discloser of the information.
- 3 The conclusions and recommendations in this report represent the professional opinions of FWS derived from currently accepted industry practices, and through the exercising of reasonable skill and care to be expected of a professional geosciences and environmental consultancy of similar size and experience. The assessments and judgments given in this report are directed by and limited to both the finite data on which they are based and the proposed works to which they are addressed.
- 4 Environmental and geotechnical desk studies comprise a study of available information obtained from various identified sources, authorities and parties. The information reviewed cannot be exhaustive and has been accepted in good faith as providing representative and true data pertaining to site conditions. For clarity, no independent verification of this data is carried out by FWS and it is accepted at face value. Any identified risks in desk study reports are perceived risks based on the information available at the time. Actual risks can only be assessed after carrying out a thorough physical investigation of the site that serves to validate such identified risks.
- 5 Data acquisition during site investigations is subject to the limitations of the methods of investigation used, site conditions and access constraints. Exploratory holes undertaken during fieldwork, particularly boreholes and/or trial pits, investigate a small volume of ground in relation to the size of the site and thus can only provide an indication of site conditions. The opinions provided and recommendations given in this report are based on the desk study information and ground conditions apparent at the site of each of the exploratory holes. There may be ground conditions elsewhere onsite that have not been disclosed by the investigation and which therefore have not been taken into account in this report. FWS will take all due care and make commentary on the adequacy of data collection and therefore the ability to highlight the presence or otherwise of exceptional conditions.
- 6 Owing to the natural variation of the systems that are being investigated, and the anthropological impact similarly changing through time, the findings and opinions in this report are relevant to the dates of the site works and should not be relied upon to represent conditions after a reasonable passing of time. Site conditions will change over time due to natural variations and human activities. The comments made on groundwater, surface water and soil gas conditions are based on observations made at the time that the site work was carried out. It should be noted that these conditions will vary owing to seasonal, tidal and meteorological effects. Variation in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, or subsequent developments or activities on the site or adjacent area.
- 7 The scope of the investigation, as agreed between FWS and the Client, was undertaken based on the specific development proposals of the Client and may be inappropriate to another form of development or scheme.
- 8 The opinions expressed in this report regarding contamination, geotechnical and/or waste assessments are based on simple statistical analysis and comparison with available guidance values. No liability can be accepted for the retrospective effects of any changes or amendments to these values.