Environmental Permit Variation Application

NRS Meriden Aggregates Limited

Cornets End Quarry
Cornets End Lane
Cornets End
Meriden
Solihull
CV7 7LH.

WESTBURY ENVIRONMENTAL

PROVIDING SOLUTIONS, ENSURING COMPLIANCE

T 01952 879705 E info@westburyenv.co.uk

A Agriculture House, Southwater Way
Telford, Shropshire, TF3 4NR

W www.westburyenv.co.uk

Document Control Table

Project Reference	21/001c
Project Title	Cornets End Quarry: Permit Application to Add Hazardous Waste Treatment
Document Title	Environmental Permit Application Report
Document Issue Date	01 August 2022
Client	NRS Meriden Aggregates Limited
Status	Issued

Revision Table

Version No.	Comment	Produced by	Checked by	Date
1	Original application report	James Bramhill	Tracey Westbury	15 July 2021
2	Amended version – removed reference to biological treatment	Emma Gibson	Tracey Westbury	27 July 2022
3	Removed reference to crushing hazardous waste	Emma Gibson	Tracey Westbury	01 August 2022

Contents

Drawings

Drawing No. 21/011c 001 V2	Permit Boundary Plan [Haz Waste]
Drawing No. 21/011c 003	Indicative Site Layout Plan [Haz Waste]

Application Forms

Part A

Part C2

Part C3

Part C4

Part F1

Appendices

Appendix 1	Non-Technical Summary
Appendix 2	EMS Summary
Appendix 3	Technical Summary
Appendix 4	Environmental Risk Assessment
Appendix 5	List of Waste Codes
Appendix 6	Noise Assessment
Appendix 7	Dust Management Plan (DMP)
Appendix 8	Waste Acceptance Procedure
Appendix 9	Waste Pre-Acceptance Procedure
Appendix 10	Waste Rejection Procedure
Appendix 11	Waste Storage & Handling Procedure
Appendix 12	Technically Competent Management
Appendix 13	BAT Assessment Report
Appendix 14	Surface Water Drainage Design
Appendix 15	Site Condition Report
Appendix 16	Resource Efficiency and Climate Change Report

1. Introduction

1.1. Westbury Environmental Limited have been instructed to prepare this Environment Permit Variation Application on behalf of NRS Meriden Aggregates Limited (Operator) at Cornets End Quarry, Cornets End Lane, Cornets End, Meriden, Solihull, CV7 7LH (Site).

1.2. The existing Environmental Permit, in the form of an old Waste Management Licence, allows for keeping and treating of inert excavated material, hardcore and excavated tarmacadam. It is anticipated that this permit will be updated to include modern conditions as part of this variation.

1.3. As part of the variation of Environmental Permit ref. ERP/HB/3802/HF, the applicant seeks to ensure that the following aspects will apply.

- The removal of Schedule 4 since waste classification in accordance with WM3 technical guidance removes the requirement for site specific limits for waste to be recycled.
- The inclusion of washing of non-hazardous waste in the treatment activities to be undertaken on the Site.

1.4. This variation application proposes to include treatment of hazardous waste types, see Appendix 1 Non-Technical Summary and Appendix 3 Technical Summary for detailed information on the proposed activities.

Proposed hazardous waste treatment activities include:

- Handpicking to remove asbestos containing materials
- Screening
- Washing
- Chemical treatment
- Storage
- Transfer

1.5. It is proposed that the Site will accept a maximum of 300,000 tonnes per annum which includes both hazardous and non-hazardous waste and that a maximum of 80,000 tonnes of waste will be stored on Site at any one time.

1.6. An Environmental Permit Variation Application for EPR/HB3802HF was previously submitted to the EA by Enviroarm Ltd. This application was withdrawn following advice from Duncan Sharples who was the determining permitting officer.

1.7. This application seeks to increase the permit boundary to cover the area to be used by the proposed waste treatment facility. The proposed Permit Boundary Plan in included, see Drawing no. 21/011c 001 V2. The additional area of land to be included in this permit boundary is described in the Site Condition Report, see Appendix 15 Site Condition Report.

1.8. An indicative site layout plan has been produced to show site infrastructure and potential location of activities, see Drawing No. 21/011c 003 Indicative Site Layout Plan [Haz Waste].

1.9. This application seeks to allow the Site to receive construction / demolition waste that has hazardous properties under Section 5.3 Part A (1) (a) (ii) of the Environmental Permitting Regulations (England and Wales) 2016.

1.10. This application also seeks to vary the existing permit to allow non-hazardous waste to be washed.

1.11. A Non-Technical Summary has been produced that provides an overview of the treatment activities proposed for this Site, see Appendix 1 Non-Technical Summary.

1.12. An EMS Summary has been produced to support this application. The EMS Summary provides a description of the purpose and scope of the EMS, see Appendix 2 EMS Summary.

1.13. A Technical Summary has been produced to support this application. The Technical Summary provides a description of the proposed activities, see Appendix 3 Technical Summary.

1.14. An Environmental Risk Assessment has been produced to consider the risks associated with the proposed changes included within this application, see Appendix 4 Environmental Risk Assessment.

1.15. A list of hazardous and non-hazardous waste codes has been included, see Appendix 5 Waste Codes.

1.16. The potential noise emissions caused by the proposed activities has been assessed, see Appendix 6 Noise Assessment.

1.17. A Dust Management Plan (DMP) has been produced to support the permit application due to the potential increased risk of dust emissions from the proposed activities, see Appendix 7 Dust Management Plan. The DMP assesses the potential for dust emissions to cause a nuisance to surrounding sensitive receptors. The DMP concludes that the proposed activities do not significantly increase the potential for dust emissions from to cause a nuisance to nearby receptors.

1.18. Waste will be accepted on to the Site in accordance with the Waste Acceptance Procedure, see Appendix 8 Waste Acceptance Procedure.

1.19. Information that must be obtained before waste arrives on Site is included in the Waste Pre-acceptance Procedure, see Appendix 9 Waste Pre-acceptance Procedure.

1.20. Wastes will be rejected from Site in accordance with the Waste Rejection Procedure, see Appendix 10 Waste Rejection Procedure.

1.21. Waste will be stored and handled in accordance with the Waste Storage & Handling Procedure, see Appendix 11 Waste Storage and Handling Procedure.

1.22. Details of the Technically Competent Management WAMITAB have been included, see Appendix 12 TCM details.

1.23. Waste will be accepted, stored, and treated in accordance with Best Available Techniques (BAT), see Appendix 13 BAT Assessment Report for Hazardous Waste Treatment Operations.

1.24. A water management plan which outlines the surface water drainage design for the proposed activities has been included, see Appendix 14 Water Management Plan.

1.25. A Site Condition Report has been produced in relation to the area of the proposed waste activities, see Appendix 15 Site Condition Report.

1.26. A Resource Efficiency and Climate Change Risk Assessment has been produced to outline how the Site will minimise energy consumption and the climate change risk of the proposed activities, see Appendix 16 Resource Efficiency and Climate Change Report.

1.27. The relevant Environment Agency forms (Part A, C2, C3, C4 and F1) and other required information are included within this Environmental Permit Application Report.

2. Site Location

2.1. The Site entrance is located at National Grid Reference (NGR) SP 22909 81064 and the Site centre is at SP22797 81426, which lies approximately 1.5km west of the town of Meriden

2.2. The access to the Site is directly off Cornets End Lane through lockable steel security gates.

2.3. The Site is accessed Off Cornets End Lane which joins the A452 which then leads to the A45 which then provides a connection to the M42.

2.4. The Site is located southwest of Meriden Quarry inert landfill site, known as Area G, which currently operates under permit EPR/CB38056HC. This is operated by the applicant.

2.5. Land to the north of the Site is occupied by a waste recycling company and to the west there are concrete plants. The Site is located within Cornets End Quarry which is operated by the applicant. Otherwise, it is generally surrounded by agricultural land, a golf course to the north and Meriden Wastewater Treatment Works to the northeast.

3. Operator Details

3.1. The Operator of the Environmental Permit Ref. EPR/HB3802HF is NRS Meriden Aggregates Ltd. The company details, including information regarding the directors of the company and Technically Competent Manager (TCM), are provided below:

Company Details

Company Name	NRS Meriden Aggregates Ltd
Company Number	11911715
Registered Address	NRS House Site 7, Meriden Park, Cornets End Lane, Meriden, United Kingdom, CV7 7LG
Incorporation Date	28/03/2019

Information for Directors

Name	**Date of Birth**
Mark Ketcher	March 1972
Kieran Montgomery	July 1992

Technically Competent Manager

3.2. Tracey Baxter is the Technically Competent Manager for this Site, see table below for more information on the other waste activities that the proposed TCM provides technical competence for.

Site address	**Postcode**
UKPN, Tunbridge Wells	TN2 3EN
UKPN, Strood	ME2 4EA
UKPN, Croydon	CR0 3RL
UKPN BSE	IP32 7BG
Glazewing Limited, Station Road, West Dereham	PE33 9RR
GS Hughes, 46 Bosway Business Park, Lincoln	LN6 9EJ

4. Operating Techniques

4.1. Waste will be accepted, stored, and treated in accordance with:

- JRC Science for Policy Report: Best available techniques (BAT) reference document for waste treatment, October 2018 (BREF).
- Commission implementing decision (EU) 2018/1147 of 10 August 2018 establishing best available techniques (BAT) conclusions for waste treatment, under Directive 2010/75/EU of the European Parliament and of the Council (BAT conclusions).
- Sector Guidance Note 5.06: Guidance for the Recovery & Disposal of Hazardous and Non-Hazardous Waste, 2013 (SGN 5.06).
- CAR-SOIL Control of Asbestos Regulations 2012 - Interpretation for Managing and working with Asbestos in Soil and Construction and Demolition Materials.
- Guidance on the Classification and Assessment of Waste. Technical Guidance WM3.
- Chemical Waste: Appropriate Measures for Permitted Facilities, 18 November 2020

4.2. A detailed assessment of the proposed operating techniques with consideration of Best Available Treatment (BAT) has been produced, see Appendix 13 BAT Assessment Report for Hazardous Waste Treatment Operations.

Waste Acceptance

4.3. Strict waste acceptance procedures will be implemented to ensure that only permitted waste types are accepted. Waste is checked and accepted in accordance with the Waste Acceptance Procedure, see Appendix 8 Waste Acceptance Procedure. The Operator will also implement a waste pre-acceptance procedure, see Appendix 9 Pre-Acceptance Procedure. These procedures will be implemented as part of the Environmental Management System (EMS). The EMS also includes information with regard to the classification of waste.

4.4. Waste will be assessed at the pre-acceptance stage and transported to the Site if suitable. Waste that is transported to the Site and then found to be unsuitable for acceptance will be rejected in accordance with the Waste Rejection Procedure, see Appendix 10 Waste Rejection Procedure

4.5. Compliance testing of waste that has been accepted on to the Site will be carried out to ensure that the characteristic of the waste complies with the information supplied during the waste pre-acceptance stage.

4.6. Information gathered at the pre-acceptance and acceptance stage will be used to determine the appropriate treatment/transfer for that waste.

4.7. Records will be kept in association with the Waste Acceptance and Rejection Procedures.

Waste Storage

4.8. The Waste Storage & Handling Procedure, see Appendix 11 Waste Storage and Handling Procedure, contains information relating to the storage of the permitted waste types.

4.9. Separate areas of the Site will be used for hazardous and non-hazardous waste storage and treatment to ensure that cross contamination does not occur.

4.10. Asbestos pieces, removed from the waste on the picking line, shall be double bagged and stored within a clearly identified, secure, lockable container. Asbestos will be removed from the Site to a suitably licensed landfill.

4.11. A Waste Storage Plan is included in the Waste Storage & Handling Procedure. This plan includes details of the waste storage areas on the Site.

4.12. All hazardous waste treatment and storage will be undertaken on impermeable pad with sealed drainage.

4.13. It is proposed that no more than 80,000 tonnes of waste will be stored on site at any one time.

Waste Treatment

4.14. It is proposed that the following activities are undertaken on the Site:

- Handpicking to remove asbestos pieces.
- Screening.
- Washing
- Crushing
- Storage
- Transfer

4.15. Hazardous waste that has been treated and evidenced to be non-hazardous (classified in accordance with WM3) may be recycled into WRAP compliant recycled aggregate products.

5. List of Waste Codes

5.1. The proposed Lists of Waste Codes for Environmental Permit Ref. EPR/HB3802HF include both hazardous and non-hazardous waste codes, see Appendix 5 Lists of Waste Codes.

6. Environmental Risk

6.1. An Environmental Risk Assessment has been completed to support this Environmental Permit Application, see Appendix 4 Environmental Risk Assessment.

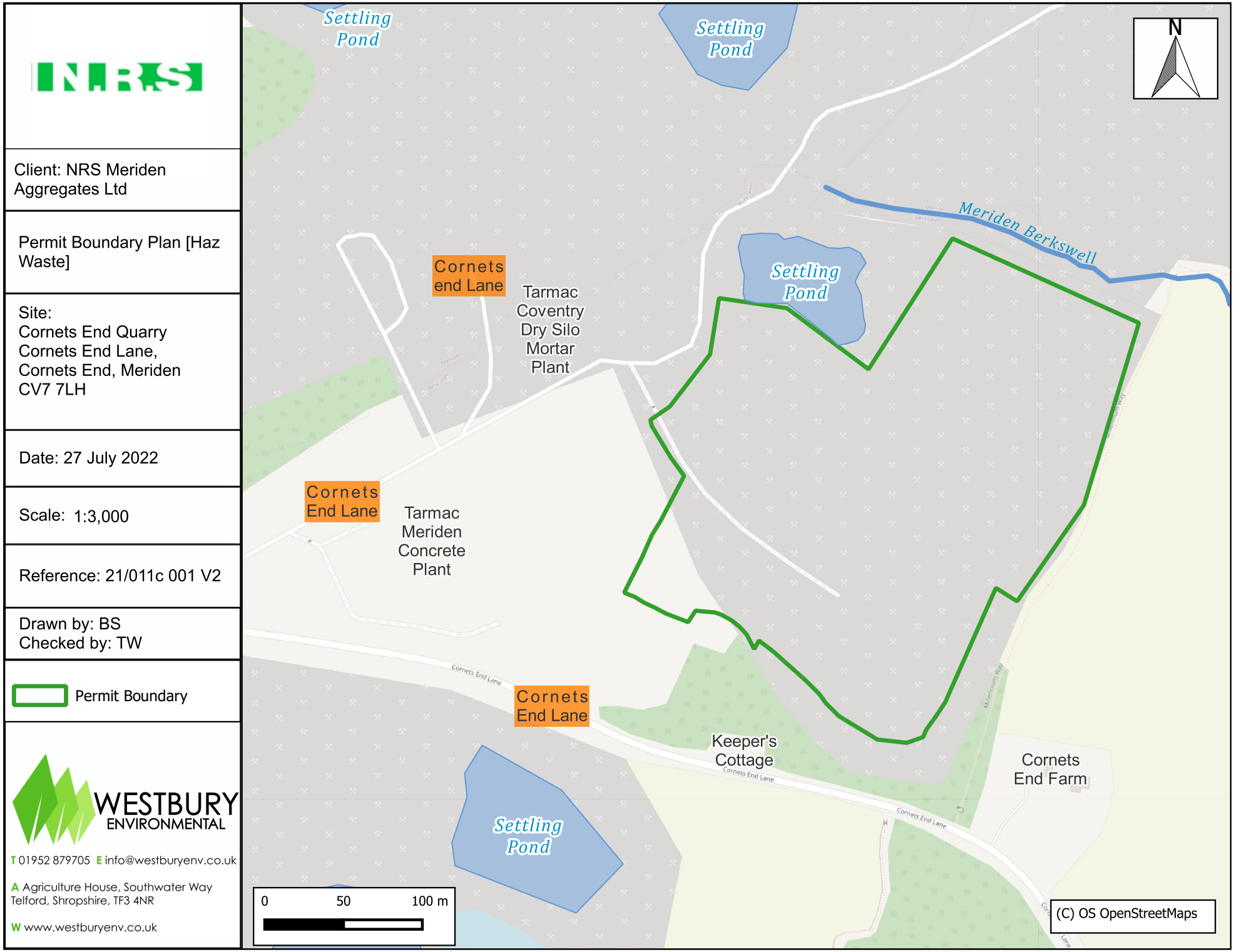
6.2. The Environmental Risk Assessment considers the risk associated with the acceptance and treatment/transfer of the specified hazardous and non-hazardous waste types, see Appendix 5 List of Waste Codes.

6.3. Due to the risk mitigation measures identified in the Environmental Risk Assessment it is considered that the risk to the local environment and human health is low.

6.4. Robust risk management measures are implemented by way of EMS procedures to ensure the identified risks are minimised.

Drawings

Drawing No. 21/011c 001 V2	Permit Boundary Plan [Haz Waste]
Drawing No. 21/011c 003	Indicative Layout Plan [Haz Waste]


Client: NRS Meriden Aggregates Ltd
Permit Boundary Plan [Haz Waste]
Site:
Cornets End Quarry
Cornets End Lane,
Cornets End, Meriden
CV7 7LH
Date: 27 July 2022
Scale: 1:3,000
Reference: 21/011c 001 V2
Drawn by: BS
Checked by: TW
Permit Boundary
WESTBURY ENVIRONMENTAL
T 01952 879705 E info@westburyenv.co.uk
A Agriculture House, Southwater Way Telford, Shropshire, TF3 4NR
W www.westburyenv.co.uk
Settling Pond
Settling Pond
Settling Pond
Settling Pond
Meriden Berkswell
Cornets end Lane
Tarmac Coventry Dry Silo Mortar Plant
Cornets End Lane
Tarmac Meriden Concrete Plant
Cornets End Lane
Keeper's Cottage
Cornets End Farm
Cornets End Lane
Cornets End Lane
Millennium Way
N
0
50
100 m
(C) OS OpenStreetMaps

Client: NRS Meriden Aggregates Ltd

Indicative Layout Plan [Haz Waste]

Site:
Cornets End Quarry
Cornets End Lane,
Cornets End, Meriden
CV7 7LH

Date: 1 August 2022

Scale: 1:2,000

Reference: 21/011c 003

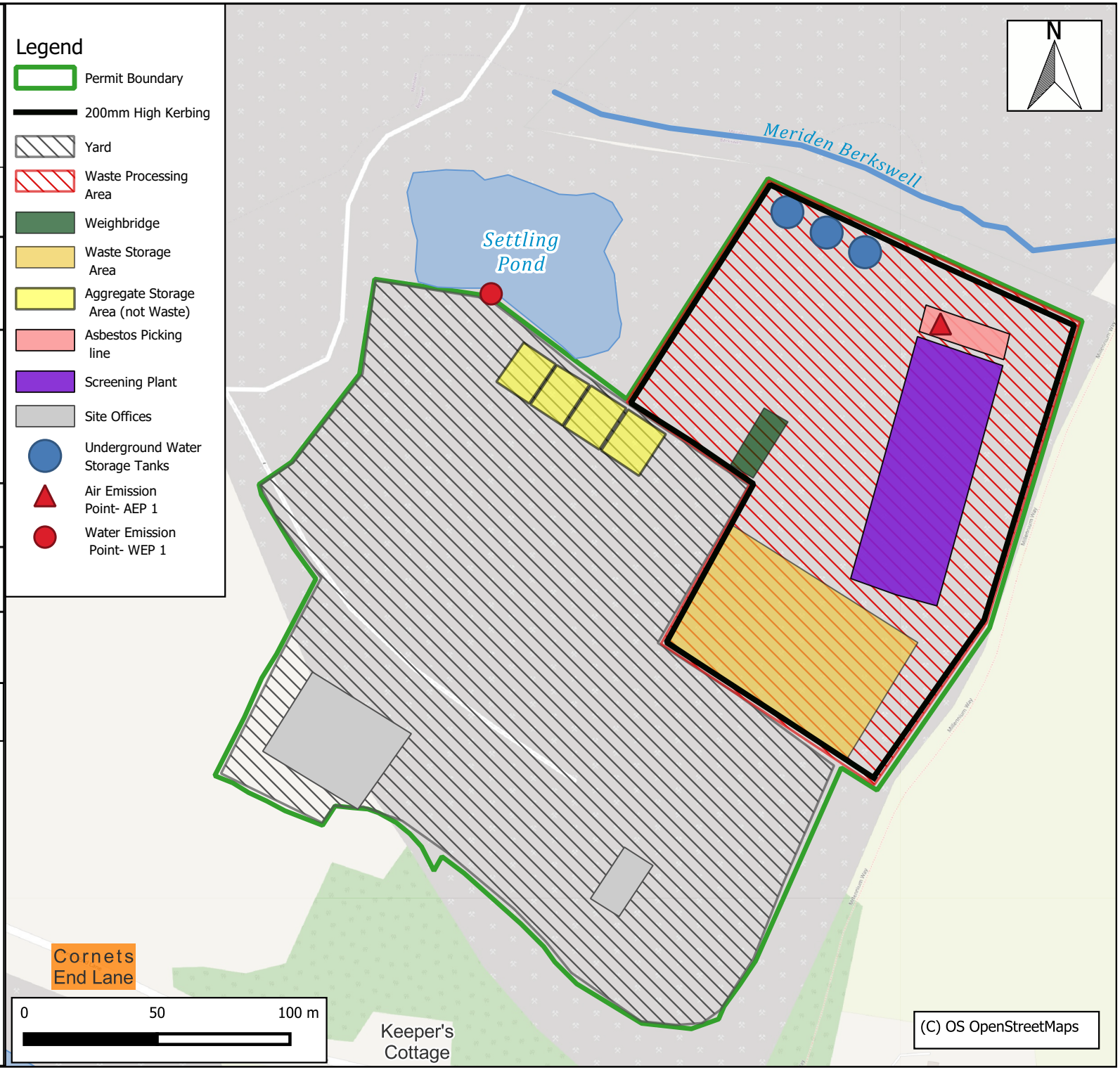
Drawn by: BS
Checked by: KB

WESTBURY ENVIRONMENTAL

T 01952 879705 E info@westburyenv.co.uk

A Agriculture House, Southwater Way
Telford, Shropshire, TF3 4NR

W www.westburyenv.co.uk



Application Forms

Part A

Application Forms

Part C2

Application Forms

Part C3

Application Forms

Part C4

Application Forms

Part F1

Appendix 1

Non-Technical Summary

Appendix 2

EMS Summary

Appendix 3

Technical Summary

Appendix 4

Environmental Risk Assessment

Appendix 5

List of Waste Codes

Appendix 6

Noise Assessment

Appendix 7

Dust Management Plan

Appendix 8

Waste Acceptance Procedure

Appendix 9

Waste Pre-acceptance procedure

Appendix 10

Waste Rejection Procedure

Appendix 11

Waste Storage & Handling Procedure

Appendix 12

Technically Competent Management

Appendix 13

BAT Assessment Report

Appendix 14

Water Management Plan

Appendix 15

Site Condition Report

Appendix 16

Resource Efficiency and Climate Change Report