



PT-CE Ltd

**PODE HOLE QUARRY: ENVIRONMENTAL PERMIT
APPLICATION FOR WASTE DEPOSIT FOR RECOVERY**

Supporting Document



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1 INTRODUCTION

PT-CE Ltd (PT-CE) has requested that WSP UK Ltd (WSP) prepares an application for an Environmental Permit (EP) for waste deposit for recovery at Pode Hole Quarry, The Causeway, Thorney, Peterborough PE6 0QH (hereafter referred to as the 'Site').

The following application forms have been completed:

- Part A: About You
- Part B2: General – New Bespoke Permit
- Part B4: New Bespoke Waste Operation Permit
- Part F1: Charges and Declarations

The application forms are provided at the front of the application. The forms are the driver behind the application, such that the EA can verify that the regulatory requirements have been met. This Supporting Document provides responses to the relevant questions on each part of the forms that could not be completed on the forms themselves and signposts to supplementary documents (such as risk assessments and management plans) provided as appendices in support of the application.

2 ENVIRONMENTAL PERMIT APPLICATION INFORMATION

2.1 FORM B2: GENERAL NEW BESPOKE PERMIT

2.1.1 PART 1A – ABOUT THE PERMIT

The Environment Agency (EA) strongly advises that a Waste Recovery Plan (WRP) is prepared in advance of any application for Waste Recovery and is submitted to the EA in the process of obtaining enhanced pre-application advice.

A WRP (Version 2) dated 25 October 2019 (prepared by Westbury Environmental Limits on behalf of PT-CE) has been submitted to the EA in advance of this application, aiming to demonstrate that restoration of the quarry constitutes a waste recovery activity and not a waste disposal operation. The WRP (Version 2) is appended to this application.

In the EA's letter Ref. EPR/BB3903ZL/A001 dated 26 November 2019, it confirmed that the activity is a recovery operation, although this conclusion will be subject to determination of the application. This response is appended to this application.

Further to approval of the WRP, PT-CE have proposed two minor changes in relation to the waste codes as follows:

- Removal of waste code 17 03 02 Bituminous mixtures other than those mentioned in 17 03 01 from Table 1; and
- Removal of peat from the restrictions under 17 05 04 and 20 02 02 in Table 1.

As these are considered of environmental benefit to the restoration scheme, further EA approval of a revised WRP has not been sought at this stage.

2.1.2 PART 3B – YOUR ABILITY AS AN OPERATOR, TECHNICAL ABILITY

The proposed technically competent manager for the Site will be Mr. Paul Taylor. Mr. Taylor is certified through the Waste Management Industry Training and Advisory Board, and his Certificates of Technical Competence are included in this application. As of July 2025, Mr. Taylor is also the technically competent manager for the other sites detailed in Table 2-1.

Table 2-1 – Other Sites for which Mr. Taylor is Technically Competent Manager

EAWML (EPR) Reference	Operator	Site Address
48099	Tailby Brack Ltd	Butlers Leap, Rugby, Warks. CV21 3RQ
48251	Tailby Brack Ltd	44 Arches Lane, Rugby, Warks. CV21 1BG
10223	Tailby Brack Ltd	Butlers Leap, Rugby, Warks. CV21 3UY
104269	Duncan's Groundworks Ltd	Bluebell Copse, Hook Mill Lane, Windlesham, Surrey. GU18 5SR
401500	Skipy Skip Hire Ltd	Wharf Farm, Kilsby Lane, Hilmorton, Rugby, CV21 4PN



2.1.3 PART 3D – MANAGEMENT SYSTEMS

The facility will be operated under an Environmental Management System (EMS) which is in development and will be implemented prior to the commencement of works. The EMS will contain a set of procedures that covers the day-to-day operations of the Site. The EMS will be a live document and will be updated or amended throughout the operation lifetime of the Site. A summary of the proposed EMS is provided in this application.

2.1.4 PART 5A – PROVIDE A PLAN OR PLANS FOR THE SITE

The following plans are included in the ESID Report (ref. UK0038843_2142-WSP-RP-GW-0002) as part of this application:

- Drawing ESID1 – Site Location Plan
- Drawing ESID2 – Environmental Site Setting
- Drawing ESID3 – Cultural and Natural Heritage
- Drawing ESID4 – Site Layout and Waste Deposition
- Drawing ESID5 – Engineering Details
- Drawing ESID6 – Restoration Plan
- Drawing ESID7 – Regional Geology
- Drawing ESID8 – Regional Hydrogeology
- Drawing ESID9 – Local Hydrogeology and Hydrology
- Drawing ESID10 – Monitoring and Extraction Point Plan

2.1.5 PART 5B – PROVIDE THE RELEVANT SECTIONS OF A SITE CONDITION/BASELINE REPORT

Guidance for Part B2 of the Environmental Permit application form states that a site condition report that presents baseline information about the site must be provided, and that sections 1 to 3 must be completed with the application. The Site Condition Report (ref. UK0038843_2142-WSP-RP-GW-0008) is appended to this application.

2.1.6 PART 5C – NON-TECHNICAL SUMMARY

A Non-technical Summary (Report Ref UK0038843_2142-WSP-RP-GW-0009) is appended to this application.

2.1.7 PART 6 – ENVIRONMENTAL RISK ASSESSMENTS

The following Environmental Risk Assessments, and Management Plans, are included within this application:

- Hydrogeological Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0003);
- Stability Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0004);
- Gas Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0005);
- Habitats Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0007);
- Surface Water Management Plan (Report Ref UK0038843_2142-WSP-RP-GW-0006);
- Dust Management Plan (Report Ref UK0038843_2142-WSP-RP-GW-0010); and
- Noise Management Plan (PT-CE, Version 2, July 2019).



2.2 FORM B4: NEW BESPOKE WASTE OPERATION

2.2.1 PART 1 - WHAT WASTE OPERATIONS ARE YOU APPLYING FOR?

This application is for a waste recovery activity. The Waste Recovery Plan (WRP) that has previously been submitted and approved as part of the pre-application consultation is included in this application.

The types and quantities of waste to be accepted are presented in the ESID Report (Report Ref UK0038843_2142-WSP-RP-GW-0002), including details of additional restrictions to be applied.

The restoration works involve the use of up to 1,800,000 m³ of materials. Based on a density of 1.5 t/m³, this equates to a total of 2,700,000 tonnes of waste. An Infill Void Quantity Plan (drawing PHQIVQ200519) is included in the WRP.

2.2.2 PART 2 – POINT SOURCE EMISSIONS TO AIR, WATER AND LAND

The restoration proposals do not include any point source emissions to land or water.

The Site will be operating a waste for recovery activity with restoration being achieved using inorganic material, so there will be no point source emissions to air and no monitoring and assessment against emission limits to air will be required. Dust management and monitoring is proposed. The Dust Management Plan and the Dust Mitigation and Monitoring Scheme are appended to this application.

Information regarding the baseline condition for soils and water is included in the Site Condition Report (Report Ref UK0038843_2142-WSP-RP-GW-0008).

2.2.3 PART 3 – OPERATING TECHNIQUES

The following technical guidance documents will be references while undertaking the Schedule 1 activity and any Directly Associated Activities at the Site:

- “Statutory guidance SR2015: No.39 Use of waste in a deposit for recovery operation;
- “Waste Recovery Plans and Deposit for Recovery Permits” (.gov.uk website);
- “Control and monitor emissions for your environmental permit” (.gov.uk website); and
- “Develop a management system: environmental permits” (.gov.uk website)”.

Best available technologies (BAT) are the ways in which the Site restoration will be designed and operated to minimise the risk of pollution. There are no proposed point source emissions to air or to the water environment. Details of measures to manage the potential risks from the activity are contained within the following Environmental Risk Assessments and Management Plans within this application:

- Hydrogeological Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0003);
- Stability Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0004);
- Gas Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0005);
- Habitats Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0007);
- Surface Water Management Plan (Report Ref UK0038843_2142-WSP-RP-GW-0006);
- Dust Management Plan (Report Ref UK0038843_2142-WSP-RP-GW-0010); and
- Noise Management Plan (PT-CE, Version 2, July 2019).



There are no closure processes or aftercare permits requirements for deposit for recovery operations. If required by the Environmental Permit, monitoring will need to be carried out during the aftercare period to confirm the waste is physically and chemically stable.

To enable the permit to be surrendered, the surrender application will include records of the waste types accepted during the operational period to provide evidence that only permitted waste types were deposited. Records of any non-compliant wastes will also be provided (if applicable) to demonstrate that either the non-compliant waste was removed or that the impacts of the non-compliant waste on the emissions has been assessed and the significance confirmed.

The completion criteria for leachate/groundwater and landfill gas must also be fulfilled.

2.2.4 PART 4 AND APPENDIX 2 – MONITORING

Information regarding proposed Environmental Monitoring is presented in the Hydrogeological Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0003) and Gas Risk Assessment (Report Ref UK0038843_2142-WSP-RP-GW-0005).

2.3 FORM F1: CHARGES AND DECLARATIONS

The charges for Environmental Permits are presented in The Environment Agency Table of Charges, Version 1.5 (Environment Agency, 2022). The proposed Facility falls within the following activity:

- Activity Reference 1.17.9: Deposit of waste for recovery £9,207.

The following charges for additional assessments apply:

- Waste Recovery Plan: £1,231;
- Habitats Assessment: £779;
- Emission Management Plan: £1,241;
- Noise and Vibration Management Plan: £1,246;
- Dust and bio-aerosol management plan: £ 620.

The total application fee is therefore £14,324.

Payment has been made directly by PT-CE Ltd, by BACS, ref: PSCAPPQUARR614 dated 14 October 2025.

3 REFERENCES

- Aggregate Industries (2017) Pode Hole Quarry – Bar Pasture East Trail Pit & Reserve Reconciliation Report: Review of remaining mineral deposits in Bar Pasture East. August 2017
- Aggregate Industries (2018) Pode Hole Quarry – Bar Pasture West 2017 Drilling Report: Review of extension mineral. January 2018.
- Andrews Ward Associates (2003) Ecological Assessment of Land at Pode Hole, Thorney, Cambs. January 2003.
- British Geological Survey (2023) GeoIndex Onshore. Available online at <https://mapapps2.bgs.ac.uk/geoindex/home.html> [accessed 17 August 2023].
- Department for Environment, Food and Rural Affairs (2023a) MAGIC interactive map. Available at <https://magic.defra.gov.uk/MagicMap.aspx> [accessed 16 August 2023].
- Department for Environment, Food and Rural Affairs (2023b) UK AIR Air Information Resources Air Quality Management Areas Interactive Map <https://uk-air.defra.gov.uk/aqma/maps/> [accessed 30 August 2023].
- Environment Agency (2023a) Flood Map For Planning. Available at <https://flood-map-for-planning.service.gov.uk/> [accessed 17 August 2023].
- Environment Agency (2023b) Check your long-term flood risk. Available at <https://check-long-term-flood-risk.service.gov.uk/> [accessed 17 August 2023].



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