



Asphalt Recycling Facility - Coxhoe Quarry

Bespoke Environmental Permit Application Report



Document Control

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1 INTRODUCTION

1.1 Background

- 1.1.1 Swift Environmental Compliance Limited (Swift) have been instructed by Tarmac Trading Limited to prepare an application for a bespoke environmental permit for an Asphalt Recycling Facility at Coxhoe Quarry, Coxhoe, County Durham DH6 4BB (the Site).
- 1.1.2 The Asphalt Recycling Facility is situated in the northwestern section of the wider Coxhoe Quarry complex and is centred at National Grid Reference NZ 33979 35521, as illustrated at Appendix 1, Site Plans. The Site is located approximately 9km southeast of Durham and approximately 500m south of the village of Kelloe in County Durham.
- 1.1.3 The area surrounding the Site comprises predominately of agricultural and open land with dwellings and industrial activities beyond. The nearest residential properties are located at approximately 350m northeast of the proposed permit boundary at its closest point.
- 1.1.4 Access to the Site is via the west, off Brdyll Street and then through a network of internal haul roads within the wider Coxhoe Quarry complex. Brdyll Street connects to the A177 approximately 1km west from Coxhoe Quarry site entrance.
- 1.1.5 Tarmac currently holds an extant Part B Permit Reference DCC/P221/12 with Durham County Council allowing up to 50,000 tonnes of road plannings to be treated over any 3 year period with a directly associated activity. Due to the increased volumes of wastes proposed to be treated, an application for a bespoke environmental permit is required to increase the annual throughput to 40,000 tonnes per annum.
- 1.1.6 This Environmental Permit Application Report includes the completed Environment Agency Applications Forms Parts A, B2, B4 and F1 presented at Appendix 2. Additional supporting information required in response to the questions in the Environment Agency's Application Forms are provided at Section 2 of this Bespoke Environmental Permit Application Report and accompanying Appendices.

2 ENVIRONMENT AGENCY APPLICATION FORMS - SUPPORTING INFORMATION

2.1.1 Responses to specific information requested in the Environment Agency's Application Forms, presented at Appendix 2, are listed and responded to in this Section of the Bespoke Environmental Permit Application Report.

2.2 Application Form Part A, Question 5c and Appendix 1

2.2.1 Companies House confirms that there are 8 listed Directors for Tarmac Trading Limited. These 8 Directors and their dates of birth are listed in Table 1.

Table 1 List of Directors

	Name	Date of Birth
1	Shaun Davidson	
2	Katie Elizabeth Smart	
3	John Michael Delaney	
4	Tim Billingham	
5	Mark Thomas Wood	
6	Bevan John Browne	
7	Simon James Grey	
8	Stephen Barker	
9	Tarmac Secretaries (UK) Limited	N/A

2.3 Application Form Part B2, Question 1a

2.3.1 A request for pre-application advice was submitted to the Environment Agency for the eligibility of a Standard Rules Permit 2009 No.6 inert and excavation waste transfer station with treatment below 250kte (SR2009No.6). The Environment Agency responded to the request for pre-application advice with a Nature and Heritage Conservation Screen (Reference EPR/BP3623LZ/P001) presented at Appendix 3, dated 26 July 2024. This Nature and Heritage Conservation Screen stated that the Site is not eligible for SR2009No.6 due to the proximity of Raisby Hill Grassland Sites of Special Scientific Interest (SSSI) and the presence of protected species. As such, an application for a Bespoke Environmental Permit has been prepared.

2.4 Application Form Part B2, Question 3b

2.4.1 Martin Garton will be the Technically Competent Manager for the Site. Copies of Martin Garton's Technical Competence and Continuing Competence Certificates are provided at Appendix 4 of this Application Report.

2.4.2 Martin Garton acts as the Technical Competent Manager at one other permitted facility, details are tabulated below.

Table 2 Technically Competent Manager Sites

Permit Number	Site Address	Post code
HB3032AE	Middlesbrough Recycling, Cochrane's Wharf, Dockside Road, Middlehaven, Middlesbrough, Tees Valley	TS3 6AU

2.5 Application Form Part B2, Question 3d, Management System

2.5.1 Tarmac have an effective Environmental Management System (EMS) in place to identify and reduce the risk of pollution. The EMS will be in accordance with the latest Environment Agency Guidance available at [Develop a management system: environmental permits - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/develop-a-management-system-environmental-permits). A summary of the EMS is provided at Appendix 5 of this Application Report.

2.6 Application Form Part B2, Question 5a, Provide a plan or plans for the site

2.6.1 The Site Layout Plan, Site Location Plan and Receptor Plan is provided at Appendix 1 of this Application Report.

2.7 Application Form Part B2, Question 5b, Provide the relevant sections of a site condition report

2.7.1 Sections 1 to 3 of a Site Condition Report have been produced in accordance with Environment Agency's H5-Site Condition Report Guidance¹ and are presented at Appendix 6 of this Application Report.

2.8 Application Form Part B2, Question 5c, Provide a non-technical summary of your application

2.8.1 A Non-Technical Summary provided at Appendix 7 of this Application Report describes the waste operations proposed as part of this bespoke Environmental Permit Application including the types of waste to be accepted, stored and treated and summarises the key standards and control measures from the Environmental Risk Assessment.

2.9 Application Form Part B2, Question 6, Environmental risk assessment

2.9.1 Risks associated with the proposals have been assessed in an Environmental Risk Assessment (ERA), presented at Appendix 9 of this Application Report. Potential risks identified in the ERA include dust, noise and habitats. Consequently, a Dust and Emissions Management Plan, Noise Impact Assessment and Habitat Risk Assessment have been included in Appendices 9, 10 and 11 respectively of this Application Report.

2.10 Application Form Part B4, Question 1

2.10.1 As stated above, a Non-Technical Summary provided at Appendix 7 of this Application Report, describes the waste operations proposed as part of this Environmental Permit Application including the types of waste to be accepted, stored and treated and summarises the key standards and control measures from the Environmental Risk Assessment.

2.11 Application Form Part B4, Question 1b

2.11.1 The List of Wastes proposed to be accepted at the Site are presented at Appendix 12 of this Application Report.

¹ [Environmental permitting: H5 Site condition report - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/environmental-permitting-h5-site-condition-report)

2.12 Application Form Part B4, Question 3a, Technical Standards

2.12.1 Technical Standards in accordance with the Environment Agency's Non-hazardous and inert waste: appropriate measures for permitted facilities² have been reviewed and considered as part of this bespoke environmental permit application process.

2.13 Application Form Part B4, Question 3b, General Requirement

2.13.1 Environment Agency Risk assessment for your environmental permit guidance³ states *'if the technical guidance or your risk assessment shows that emissions of substances not controlled by emission limits are an important issue, send us your plan for managing them'*.

2.13.2 Potential risks identified in the ERA include dust, noise and habitats. Consequently, a Dust and Emissions Management Plan, Noise Impact Assessment and Habitat Risk Assessment have been included in Appendices 9, 10 and 11 respectively of this Application Report.

Dust

2.13.3 The Environment Agency Technical Guidance Control and monitor emissions for your environmental permit⁴ states:

'You must provide a dust management plan if you are applying for a bespoke permit for... keeping or treating (or both) aggregates, soils, ashes or similar materials... and you are... within 500m of a sensitive receptor such as a home, school, hospital or nursing home, food preparation facility or similar.'

2.13.4 The Site is treating aggregates within 500m of a residential home, as such, a Dust and Emissions Management Plan (DEMP) has been produced, presented at Appendix 9 of this Application Report.

2.13.5 The DEMP concludes that the site setting and mitigation measures have a 'low' potential to generate dust emissions.

Noise

2.13.6 Environment Agency Risk assessment for your environmental permit guidance⁴ states:

'The Environment Agency may ask you to submit a noise and vibration impact assessment and a noise management plan if: you will be doing any noisy operations, such as loading or unloading, shredding, shearing, crushing, grinding, combustion, using trommels and conveyors or moving bulk materials'

2.13.7 The proposals include loading and unloading and conveyors, as such, a Noise Impact Assessment has been completed in line with the BS4142:2014 standard and by a suitably qualified acoustic consultant and is presented at Appendix 10 of this Application Report.

2.13.8 The conclusions of the Noise Impact Assessment indicate 'low' risk from the proposals.

Habitats

2.13.9 A Habitat Risk Assessment is presented at Appendix 11 of this Application Report. Conclusions of the Habitat Risk Assessment indicate 'low' risk from the proposed operations.

² <https://www.gov.uk/guidance/non-hazardous-and-inert-waste-appropriate-measures-for-permitted-facilities>

³ [Risk assessments for your environmental permit - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit)

⁴ [Control and monitor emissions for your environmental permit - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit)



2.14 Application Form Part F, Q5

2.14.1 The declaration at Question 5, Application Form Part F1, presented at Appendix 2 is made by Delia Boulis, Permitting and Compliance Manager at Tarmac Trading Limited. A letter of authority authorising this declaration is presented at Appendix 13 of this Application Report.



APPENDIX 1 SITE PLANS



APPENDIX 2 ENVIRONMENT AGENCY APPLICATION FORMS

AP 2.1 PART A

AP 2.2 PART B2

AP 2.3 PART B4

AP 2.4 PART F1



APPENDIX 3 PRE-APPLICATION ADVICE



APPENDIX 4 TECHNICAL COMPETENT MANAGER CERTIFICATES



APPENDIX 5 ENVIRONMENTAL MANAGEMENT SYSTEM - SUMMARY



APPENDIX 6 SITE CONDITION REPORT



APPENDIX 7 NON-TECHNICAL SUMMARY



APPENDIX 8 ENVIRONMENTAL RISK ASSESSMENT



APPENDIX 9 DUST AND EMISSIONS MANAGEMENT PLAN



APPENDIX 10 NOISE IMPACT ASSESSMENT



APPENDIX 11 HABITAT RISK ASSESSMENT



APPENDIX 12 LIST OF WASTES



APPENDIX 13 LETTER OF AUTHORITY



S W I F T

ENVIRONMENTAL
COMPLIANCE