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ENERGY AND CLIMATE CHANGE
ENVIRONMENT AND SUSTAINABILITY
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MINING AND MINERAL PROCESSING
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WASTE RESOURCE MANAGEMENT



RECYCLE IT GLOBAL SCORRIER LIMITED

ENVIRONMENTAL PERMIT VARIATION

ENVIRONMENTAL MANAGEMENT SYSTEM SUMMARY

AUGUST 2024

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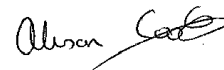
PREPARED BY:

Dominiqua Drakeford- Associate Director
Allen



REVIEWED BY:

Alison Cook Technical Director



APPROVED BY:

Alison Cook Technical Director



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1 INTRODUCTION

- 1.1.1 Recycle It Global Scorrier Limited (“RIG”) have instructed Wardell Armstrong to prepare an environmental permit variation application for their waste treatment facility located in Scorrier, Cornwall.
- 1.1.2 The facility is located on land adjacent to Parc-an-Chy Mine, Treskerby Road, Scorrier, TR16 5AU.
- 1.1.3 The variation seeks to vary the extant permit (permit reference EPR/DP3892HD/V003) to introduce a range of wastes to be treated through a wash plant. Some of these wastes to be treated for recovery will be hazardous, and therefore the permit type will change from a waste permit to an installations permit to allow the physico-chemical treatment of hazardous waste for the purpose of recovery. Additionally, up to 1,000 tonnes of hazardous waste will be stored at any one time, pending treatment. There will also be a small asbestos storage compound, but no asbestos will be treated on Site. The permitted activities will also include the physico-chemical treatment of inert and non-hazardous wastes.
- 1.1.4 This report provides an overview of how the EMS will comply with the Environment Agency’s guidance on Developing a Management System¹, by providing a summary on the systems that are or will be in place at the time of permit issue.

¹ [Develop a management system: environmental permits - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/develop-a-management-system-for-environmental-permits)

2 COMPLIANCE WITH ENVIRONMENT AGENCY GUIDANCE

2.1 Site Infrastructure

2.1.1 Plans will be made available to relevant members of staff, visitors and the emergency services as necessary to assist in their role and reduce the potential for accidents and pollution events.

2.1.2 Plans will show buildings, storage facilities for materials such as oils and fuel tanks, entrances and exits to be used by emergency service and points designated for pollution control.

2.1.3 The site location plan will show the proximity of sensitive receptors, including residential receptors.

2.1.4 The plans will show the drainage facilities on Site.

2.2 Water, Gas and Electricity

2.2.1 Records will be kept detailing the location of all services. This will include plans showing the location of mains water, gas and electricity supplies.

2.3 Site Operations

2.3.1 The site operations are described in the Operating Techniques Report. The Site will operate in accordance with the measures set out in the Operating Techniques report, adhering to the Environment Agency's guidance on Appropriate Measures guidance.

2.3.2 Additionally, the techniques to be utilised on Site are detailed in the Best Available Techniques Assessment, also submitted as part of the permit variation application.

2.4 Equipment Maintenance Plan

2.4.1 The EMS will include procedures for planned maintenance of equipment in accordance with the manufacturer's instructions. All equipment will be inspected and serviced on a regular basis.

2.4.2 Records will be kept of all inspections, servicing, maintenance and repairs or remedial actions taken.

2.5 Contingency Plans

2.5.1 Should an equipment breakdown occur, which may lead to an impact on the environment, operation of that equipment will cease until repairs are made by an appropriately qualified and competent engineer.

2.5.2 All equipment is fitted with safety mechanisms.

2.6 Accident Prevention and Management Plan

2.6.1 An Accident Management Plan (AMP) will be in place to deal with any incidents or events that could result in a pollution incident or being unable to comply with the permit.

2.6.2 The AMP will include a list of up to date emergency contacts, including out of hours contacts.

2.6.3 All incidents will be investigated and suitable remedial actions taken as necessary.

2.6.4 Should an accident or incident occur, records will be kept so that the occurrence of incidents can be reviewed and the procedures updated where necessary.

2.6.5 The AMP will be reviewed annually to ensure that it reflects the risk of accidents and incidents.

2.7 On-Line Security

2.7.1 Measures will be taken to manage on-line security. Back-up copies of records will be made to protect data and to ensure as far as possible that systems are working correctly and records are stored securely.

2.8 Resilience to Climate Change

2.8.1 The Site is located in a flood zone 1 and has low probability of flooding from rivers and seas.

2.8.2 The attenuation ponds have been designed to allow for a 1 in 100 year rainstorm plus an allowance for climate change. Therefore, the site is unlikely to flood.

2.8.3 The wash plant is expected to require between 280m³ and 420m³ a day. The plant has been designed to recirculate water within the wash plant, reducing the requirements as far as possible and minimising waste wastage.

2.8.1 With the current measures in place the impact of Climate Change should be minimal, and no further specific measures are required at this current time. This will be reviewed on a regular basis.

2.9 Energy Use

2.9.1 Energy usage will be benchmarked and periodically assessed to ensure where any energy savings can be made this will be actioned accordingly, in compliance with the

BREF Note on Energy Efficiency, as detailed in the BAT Assessment submitted as part of the variation application.

2.10 Complaints Procedure

2.10.1 Should complaints be received, these will be recorded. Details of the complaint, nature of the complaint and the time of the complaint will be recorded.

2.10.2 All complaints will be passed onto the management team, who will investigate the complaint as soon as possible. A record will be made of whether the complaint was substantiated, the likely cause and the mitigation put in place to prevent further issues.

2.10.3 The complainant will be informed of the outcome of the investigation and the measures taken, unless they have requested otherwise.

2.10.4 Records relating to complaints will be kept for a minimum of 2 years and will be made available to the Environment Agency upon request.

2.11 Managing Staff Competence and Training

2.11.1 All staff will undergo an induction, including health and safety and environmental awareness. They will be made familiar with the environmental permit and procedures relevant to their role.

2.11.2 All staff will be competent in their role, for example having had appropriate training. Records will be kept regarding the qualifications required for each role.

2.11.3 The site will be under the control of a Technically Competent Manager (TCM) who holds the appropriate qualifications. The TCM will ensure that their site attendance will comply with the Environment Agency's requirements on TCM attendance.

2.12 Records

2.12.1 All records will be held securely and will be made available to staff or to the Environment Agency as required, either as hard copies or in digital format. Back-up copies will also be maintained and stored electronically.

2.12.2 Records will include:

- The Environmental Permit;
- Environmental Management System;
- Records of site inspections and audits;

- Records of complaints and subsequent actions;
- Plant servicing and maintenance;
- Abnormal conditions, including plant breakdown and the actions taken;
- Staff training records.

2.13 Review of the Management System

2.13.1 Procedures for checking compliance with the Environmental Permit, procedures and management system will be in place. Records will be kept of the checks carried out, who carried out the checks and what action was taken.

2.13.2 The management system will be reviewed, and updated where necessary, when the following apply:

- Changes are made to the site, the equipment used or the operations;
- If a permit variation application is made;
- Following any accident, complaint or breach to the permit;
- If a new environmental problem or issue is encountered, and any new control measures have been put into place to control it.

2.14 Site Closure

2.14.1 Site closure and environmental permit surrender will take place in accordance with written procedures with due consideration for environmental issues.

2.14.2 A surrender report will be produced and submitted to the Environment Agency.

2.15 Understanding the Operations on Site

2.15.1 All staff will receive training which is appropriate to their role and will be cognisant of the Environmental Permit conditions and the Environmental Management System.

STOKE-ON-TRENT

Sir Henry Doulton House
Forge Lane
Etruria
Stoke-on-Trent
ST1 5BD
Tel: +44 (0)1782 276 700

BIRMINGHAM

Two Devon Way
Longbridge Technology Park
Longbridge
Birmingham
B31 2TS
Tel: +44 (0)121 580 0909

BOLTON

41-50 Futura Park
Aspinall Way
Middlebrook
Bolton
BL6 6SU
Tel: +44 (0)1204 227 227

BRISTOL

Temple Studios
Temple Gate
Redcliffe
Bristol
BS1 6QA
Tel: +44 (0)117 203 4477

BURY ST EDMUNDS

Armstrong House
Lamdin Road
Bury St Edmunds
Suffolk
IP32 6NU
Tel: +44 (0)1284 765 210

CARDIFF

Tudor House
16 Cathedral Road
Cardiff
CF11 9LJ
Tel: +44 (0)292 072 9191

CARLISLE

Marconi Road
Burgh Road Industrial Estate
Carlisle
Cumbria
CA2 7NA
Tel: +44 (0)1228 550 575

EDINBURGH

Great Michael House
14 Links Place
Edinburgh
EH6 7EZ
Tel: +44 (0)131 555 3311

GLASGOW

24 St Vincent Place
Glasgow
G1 2EU
Tel: +44 (0)141 428 4499

LEEDS

36 Park Row
Leeds
LS1 5JL
Tel: +44 (0)113 831 5533

LONDON

Third Floor
46 Chancery Lane
London
WC2A 1JE
Tel: +44 (0)207 242 3243

NEWCASTLE UPON TYNE

City Quadrant
11 Waterloo Square
Newcastle upon Tyne
NE1 4DP
Tel: +44 (0)191 232 0943

TRURO

Baldhu House
Wheal Jane Earth Science Park
Baldhu
Truro
TR3 6EH
Tel: +44 (0)187 256 0738

International office:

ALMATY

29/6 Satpaev Avenue
Hyatt Regency Hotel
Office Tower
Almaty
Kazakhstan
050040
Tel: +7(727) 334 1310