

ENERGY AND CLIMATE CHANGE
ENVIRONMENT AND SUSTAINABILITY
INFRASTRUCTURE AND UTILITIES
LAND AND PROPERTY
MINING AND MINERAL PROCESSING
MINERAL ESTATES
WASTE RESOURCE MANAGEMENT



RIG SCORRIER LIMITED

ENVIRONMENTAL PERMIT VARIATION – EPR/DP3892HD

NON-TECHNICAL SUMMARY

JUNE 2024



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RIG SCORRIER LIMITED ENVIRONMENTAL PERMIT VARIATION – EPR/DP3892HD NON-TECHNICAL SUMMARY



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DRAWINGS

Drawing No.TitleScaleNT16773-001General Arrangement Plan1:500 @ A1



1 INTRODUCTION

- 1.1.1 RIG Scorrier Limited ("RIG") have commissioned Wardell Armstrong to prepare an environmental permit variation application for their waste transfer facility at Parc-an-Chy, Scorrier, Cornwall.
- 1.1.2 RIG are seeking to vary the existing environmental permit to introduce the following changes;
 - Waste washing for the purpose of producing aggregate products and recovery of
 waste by installing a state-of-the-art wash plant which is also capable of safely
 treating contaminated/hazardous soils;
 - Expand the list of wastes that can be accepted to the site for storage and treatment including contaminated soils,
 - Allow wastes containing asbestos for secure storage only within the asbestos storage compound;
 - An increase the annual throughput to 350,000 tonnes per annum for which the Site has adequate capacity, and
 - Make changes the site layout, drainage and infrastructure to accommodate these changes.
- 1.1.3 This Non-Technical Summary has been prepared to provide a brief overview of the variation application.
- 1.1.4 The site location and site setting are described in Section 2.
- 1.1.5 The proposed changes on site and an overview of the permit changes required are discussed in Section 3.
- 1.1.6 An outline of the permit variation application and associated documents is provided in Section 4.
- 1.1.7 The site will be operated under an Environmental Management System in accordance with Environment Agency Guidance, further details of this are provided in Section 5 of this Non-Technical Summary.



2 SITE LOCATION AND SITE SETTING

- 2.1.1 The full address of the site is: Land adjacent to Parc-an-Chy Mine, Treskerby Road, Scorrier, Cornwall, TR16 5AU. The National Grid Reference (NGR) for the centre of the site is SW 72185 43281.
- 2.1.2 The site is located on the land adjacent to the old Parc-an-Chy mine, Scorrier, Redruth.
 It is located approximately 1.5km south of Scorrier town and approximately 2.4km northeast of Redruth town centre.
- 2.1.3 The site is relatively isolated in a rural area and accessed from a single track, unclassified road leading from Treskerby Road and provides the site with vehicular access to the A30 from the A3047.
- 2.1.4 The surrounding areas are predominantly mixed density scrub, agricultural land and patches of deciduous forest.
- 2.1.5 The site is bordered to the:
 - North by a recreational paintball site and Treskerby Road, and deciduous forest to the northeast;
 - East by rural land with residential homes approximately 400m from site;
 - South by previous mine workings now turned into rural land; and
 - West by rural land with residential homes approximately 350m from the site.
- 2.1.6 Further detail of the site setting and proximity to sensitive receptors is provided in the Amenity and Accident Risk Assessment.



3 PROPOSED ACTIVITIES AND PERMIT CHANGES

3.1 *Proposed Changes*

- 3.1.1 RIG are investing in a new state-of-the-art wash plant, which is capable of treating a range of wastes including contaminated soils and aggregates to produce clean aggregate products. The site has adequate storage space and the plant has suitable capacity to increase the annual throughput from 75,000 to 350,000 tonnes per year. The wash plant itself will have the capacity to treat up to 400 tonnes of waste per hour.
- 3.1.2 The plant has been designed to be able to run different cycles for inert/non-hazardous and hazardous streams, to ensure that there is no cross contamination. In order to facilitate the new wash plant, the site layout and drainage provisions have been redesigned to ensure that surface water and potentially contaminated run-off is suitably captured. Further detail is provided about how the plant will run and the drainage provisions in the Operating Techniques report.
- 3.1.3 RIG are also seeking to install a secure and purposefully designed asbestos storage compound, to accept, store and transfer asbestos waste. There will be no treatment of asbestos waste. Further detail is provided in the Operating Techniques Report.
- 3.1.4 Hazardous wastes pending treatment through the wash plant will be stored in a designated hazardous waste storage shed. There will be no cross-contamination of hazardous waste with inert or non-hazardous materials.
- 3.1.5 Further detail about the waste acceptance, storage and treatment process is provided in the Operating Techniques report.
- 3.1.6 There is no proposed changes to the permitted site boundary, however the site infrastructure will changed to include an impermeable concrete pad for the wash plant, hazardous storage building and asbestos storage compound and surface water/leachate attenuation basins. The updated site layout and infrastructure is shown on drawing NT16773-001.

3.2 Permit Changes

3.2.1 The extant permit allows for physical treatment (including manual/mechanical sorting, separation, screening, crushing and blending of non-hazardous waste for recovery as soil substitute or aggregate, for up to 74,999 tonnes per year.



- 3.2.2 To allow for soil washing, physico-chemical treatment will need to be added onto the permit. In addition, the intention is to treat and store hazardous wastes at volumes to which Schedule 1, Part 2, Chapter 5, Sections 5.3 and 5.6 of the Environmental Permitting Regulations (England and Wales) 2016 apply. The following listed activities are required to be added to the environmental permit:
 - Section 5.3 Part A(1)(a)(ii) recovery of hazardous waste with a capacity exceeding 10 tonnes per day,
 - Section 5.6 Part A(1)(a)(ii) temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in...Section 5.3.
- 3.2.3 The permit will be required to change from a waste permit to an installation permit with Directly Associated Activities. The proposed new activity table is provided in the Operating Techniques Report.
- 3.2.4 An additional table will need to be added to the permit which specifies the waste types to be treated through the wash plant. The proposed wastes are provided in the Operating Techniques Report.

4 ENVIRONMENTAL PERMIT VARIATION APPLICATION

- 4.1.1 This Application comprises the following documents:
 - Variation Application Forms;
 - Part A
 - o Part C2
 - o Part C4
 - o Part F1
 - Non-Technical Summary;
 - Best Available Techniques Assessment;
 - Operating Techniques;
 - Environmental Management System Summary;
 - Habitats, Amenity and Accident Risk Assessment;
 - Dust and Emissions Management Plan; and
 - Associate Drawings showing site layout and drainage.
- 4.1.2 These documents will demonstrate that the operations at the site will not pose a significant risk to the environment or impact on the amenity to residential properties



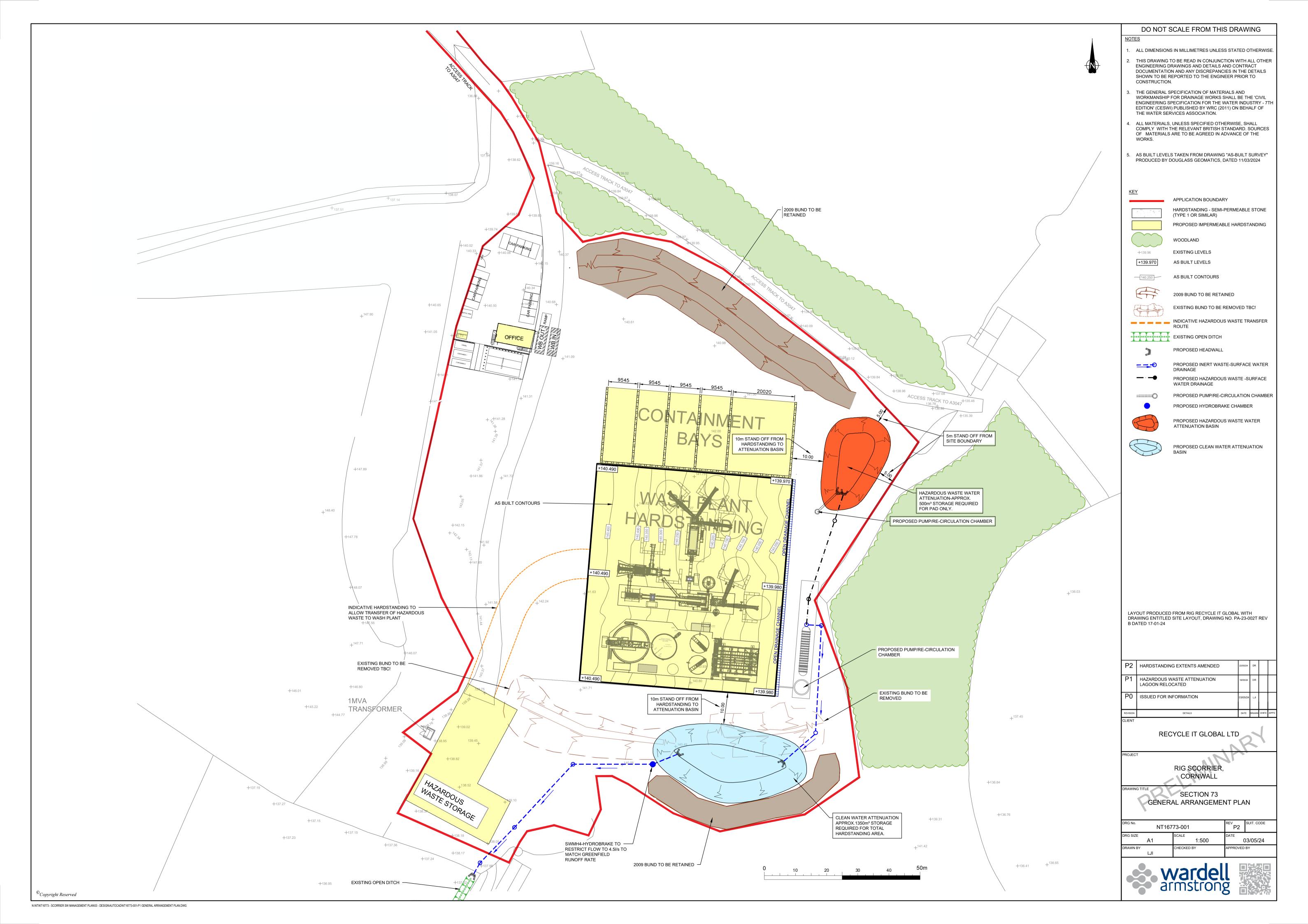
nearby. The site will be operated in accordance with an Environmental Management System and with comprehensive site management procedures and protocols, these will ensure that any risks will be managed.

5 ENVIRONMENTAL MANAGEMENT SYSTEMS

- 5.1.1 RIG Scorrier Limited will operate the facility in accordance with their Environmental Management System (EMS) which contains instructions to work and operational procedures which all site operatives are made aware of and instructed to adhere to.
- 5.1.2 The EMS will ensure that the Operator maintains complete control over the operations undertaken at the site, the environmental policy, plant and infrastructure maintenance, competency and training, accident prevention, audits, document management and control of site records.
- 5.1.3 The site will be under the control of a Site Manager who holds the appropriate qualifications and experience to undertake this role and ensure the safe and environmentally sound operation of the Site.
- 5.1.4 The TCM will be responsible for ensuring that their attendance at the site complies with the requirements of the Environment Agency.
- 5.1.5 Good housekeeping procedures on site will be employed at all times, to ensure that the environment will be protected during site operations and the site operates as safely and securely as possible. These procedures will include daily site inspections and any preventative or reactive maintenance of site infrastructure and plant where necessary.
- 5.1.6 An Amenity, Accident and Habitats Risk Assessment has been prepared to assess the environmental risk posed from the new activities, and the control measures which will be implemented to ensure that potential emissions are adequately and appropriately controlled.



DRAWINGS



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