



Environmental Management System Summary

Document Title:	Environmental Management System (EMS) Summary
Company Name:	RIG Scorrier Ltd - (A subsidiary of Recycle it Global Ltd)
Company Registration No:	12799595
EMS Lead:	Paul Nicholls
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Site Address:	Parc n Chy, Treskerby Road, Scorrier, Cornwall, UK, TR16 5AU
EA WTS Permit No:	EPR/DP3892HD
EA Landfill Permit No:	EPR/UP3696HW
National Grid Reference:	SW 72167 43312
Site Lat & Lon:	50°14'45"N , 005°11'49"W

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1.0 INTRODUCTION:

1.1 The purpose of this Environmental Management System Summary (EMS) is to ensure compliance with all applicable legislation & statutory controls which are applicable to RIG Scorrier. These include planning conditions, agreements and client's environmental requirements.

2.0 PURPOSE:

2.1 Provide an overview of how the site will operate and comply to all regulatory requirements set by the environment agency and planning authority, through the issuing of permits and planning conditions.

2.2 Provide direction to the most appropriate guidance that will assist in the development of control and mitigation measures for all applicable aspects and their impacts.

2.3 To facilitate the identification and management of the environmental issues applicable to RIG Scorrier.

2.4 Explain actions RIG Scorrier will take towards environmental management across the whole site, in compliance with its regulatory permits.

2.5 To facilitate the identification and management of the environmental issues applicable to RIG Scorrier.

2.6 To create a benchmark and establish suitable systems for measuring project compliance and performance.

3.0 DESCRIPTION OF ACTIVITIES:

3.1 The specified site is an Inert Waste Recycling Centre located at RIG Scorrier, Scorrier Estate, Treskerby Road, Scorrier, Cornwall, UK, TR16 5AU. There are two active Environmental Permits on the site, a Waste Transfer Station Permit, No: EPR/DP3892HD and a Landfill Permit, No: EPR/UP3696HW. The Environmental Permit (TBA) relates to the activities carried out on this site

3.2 The waste management operations to be carried out at the site are, Sorting, storage, and treatment of wastes for the purposes of recycling at a site other than where it was produced.

Table S1.1 Activities	
Description of activities for waste operations	Limits of activities
<p>Non-hazardous waste physical treatment facility R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) R5: Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Physical treatment including manual and mechanical sorting/ separation, screening, crushing and blending of non-hazardous waste for recovery as a soil, soil substitute and aggregate. Subject to any other requirements of this permit wastes shall be stored for no longer than 3 years prior to recovery. Waste types as specified in Table S2.1. No more than 74,999 tonnes of waste shall be treated per year (in aggregate across both activities).</p>
<p>Metal recycling: R4: Recycling/reclamation of metals and metal compounds R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Physical treatment including manual sorting only: Waste shall be stored for no longer than 3 years prior to recovery. Waste types as specified in Table S2.2. No more than 74,999 tonnes of waste shall be treated per year (in aggregate across both activities).</p>

4.0 OPERATING TECHNIQUES:

- 4.1 The recycling centre will allow for the sorting, storage, and treatment (crushing & screening) of waste permit recycling and recovery to produce, topsoil, hardcore, aggregate replacement.
- 4.2 For the purpose of increasing recycling, specified wastes will be treated to produce soil, soil substitutes and aggregates. Processes used to enable the waste to be recycled and reused will include both mechanical and manual sorting.
- 4.3 Below is a table containing all plant that will be utilized for recycling operations. All plant used as part for the operating techniques will be permitted under a Part B compliance perm it and be suitably maintained to industry best practice standards.

5.0 OPERATING PLANT:

- 5.1 Waste will be handled using all or a combination of the plant listed in the Table below. An additional plant will be hired to cover very busy periods (if necessary). Only trained operators will be permitted to drive/operate the plant listed below. Any changes to the list will be notified to the Environment agency prior to implementation.
- 5.2 The plant/equipment on site will vary depending on the amount of waste to be processed/treated and general operational requirements.
- 5.3 The table below indicates the plan that will be employed.

Plant Type	Plant Name	Technical Purpose
Loading shovel (Volvo L110)	1	Loading/unloading/movement/sorting
360 21t Excavator (Komatsu PC210)	1	Loading/unloading/movement/sorting
Crusher (Powerscreen Trakpacktor 230)	1	Crushing stone, concrete & bricks,
Scalper screen (Warrior 1400)	1	Screening soils and stones

6.0 ROLES & RESPONSIBILITIES:

- 6.1 It is the responsibility of the site manager to ensure conformance with RIG Scorrier's Environmental Management System (EMS), Environmental Policy Statement, Environmental Permits, Health & Safety associated standards and procedures, company objectives & targets. to deliver best practicable environmental performance. These combined responsibilities mean preventing pollution, minimising adverse environmental impacts and securing the potential benefits associated with higher standards of environmental performance.

Table 2: Organisational Chart:

Name	Role	Responsibility
Paul Nicholls	Chief Executive Officer	Responsible or overseeing all compliance and corporate governance across the group of companies and sites
Oscar Milverton Gatta	Chief Technology Officer	Responsible for overseeing all engineering, mineral processing and technological solutions across the group of companies and sites.
Ross Facey	Operations Director	Responsible for overseeing all operational and environmental health and safety activities across the group

		and sites.
Mark Troughton	Environmental Manager	Responsible for environmental compliance to ISO Standards, EPR and auditing across the south of England.
Guy Tomlinson	Technically Qualified Manger (TCM)	Responsible for all WAMITAB, EPR related duties at RIG Scorrier.
TBC	RIG Scorrier Site Manager	Responsible for health, safety & environmental management at RIG Scorrier, implementing the environmental management plan & for carrying out and recording environmental inspections.
TBC	RIG Scorrier Site Supervisors	Responsible for implementing & monitoring environmental procedures and safe systems of work.
TBC	RIG Scorrier Plant Operators	Responsible for following RIG Scorrier's procedures to minimise environmental impact and operate safely.

7.0 COMPETENCY & TRAINING:

7.1 Checks on competency are made prior to commencement of work on site at the induction stage. Each employee of RIG Scorrier will receive 1 week of induction training covering environmental awareness and safe systems of work, prior to formally starting unsupervised work at the site. This will consist of:

- 7.1.1 Environmental awareness attained through CSCS/CPCS/MQPC/NPORS card.
- 7.1.2 Environmental awareness attained through site induction, regular toolbox talks.
- 7.1.3 Refresher emergency spill training.
- 7.1.4 Safe system of work.

7.2 Table 3 below shows the responsibility and training for site specific procedures.

Procedure	Management	Supervisor	Operator
Non-hazardous materials management	X		
Waste Acceptance	X		
Waste management	X		
Daily inspections			
Water allocation tracking		X	
Material Processing	X	X	X

7.3 Where deficiencies are noted and a training/competency gap is highlighted, the site manager together with Recycle it Global's Environmental Manager will arrange training before any formal appointment. The site manager will provide an initial general site induction. Relevant environmental issues are to be included in regular toolbox talks and also pre-shift briefings. No permanent employee will be allowed to work on site without an induction although they may be allowed to work temporarily with only the RIG Scorrier's induction.

8.0 ENVIRONMENTAL POLICY:

8.1 Recycle it Global (RIG) Ltd is a specialist waste management and engineering company, which provides technical solutions to complex waste problems. RIG is committed to protecting and enhancing the local, national and global environment, and has established an Environmental Management System which complies with the requirements of BS EN ISO

14001, 9001 & 45001.

8.2 Through the commitment of the leadership team, and continuous improvement, we shall:

8.2.1 Comply with all applicable legal requirements and other requirements, including the consideration of environmental protection and enhancement in all business strategies and initiatives.

8.2.2 Commit to ensuring that protection and enhancement of the environment is firmly embedded in our Company values and we will encourage our suppliers and support our customers in adopting a similar approach.

8.2.3 Prevent pollution, reduce waste and minimise the consumption of resources by reusing and recycling, wherever possible, soils and other materials that we encounter in the course of our activities.

8.2.4 Educate, train and mentor employees to carry out tasks in an environmentally responsible manner.

8.2.5 Identify and invest in innovative recycling techniques and equipment to improve the efficiency of our activities and thereby reduce their environmental impact.

8.3 This Policy will be communicated to all stakeholders, staff, contractors and suppliers by way of staff briefings, inclusion in site inductions and by displaying on office and site notice boards as well as inclusion in invitations to tender. The policy will also be available on our website.

9.0 ISO ACCREDITATION:

9.1 RIG Scorrier has established and will operate under a compliant ISO 9001, 14001, 45001 integrated management system. RIG Scorrier will be undertaking a formal audit and certification in November 2023.

10.0 HOURS OF OPERATION:

10.1 RIG Scorrier will only operate inside the hours permitted as part of the local planning authorities granted permission. These timings will also be inside normal industrial working hours. Table 5 below shows the hours of operation.

Table 5 - Hours of Operation:

Day of the week	Start Time	Finish Time
Monday	08:00	18:00
Tuesday	08:00	18:00
Wednesday	08:00	18:00
Thursday	08:00	18:00
Friday	08:00	18:00
Saturday	08:00	13:00
Sunday	No working	
National or Public Holidays	No Working	

10.2 The site will be occupied and operated solely by RIG Scorrier Ltd. Surrounding land is farmland and open countryside, with the A30 trunk road bordering the entrance to the site to the North. To the South of the site there is one commercial/residential property.

11.0 SIGNIFICANT ASPECTS & IMPACTS:

11.1 Recycle it Global activities, products and services that interact with the environment are referred to as “aspects”, which may have a negative or positive impact on the environment. Typically, aspects might include emissions to air, discharges to water and waste arisings, which in turn may generate environmental and health impacts such as global warming, water pollution or contaminated land.

11.2 Some activities, such as those of an office-based service, will have relatively minor environmental impacts, such as energy used, and emissions linked to air conditioning. Whereas some heavy industrial aspects such as processes that cause emissions to air and discharges to water may have significant environmental impacts.

11.3 Managing environmental aspects and impacts are the most important component of an environment management system. All Site Managers will be taught how to identify environmental aspects and related impacts. The Site Manager will be taught methods for determining relative significance in terms of risks to the environment. A detailed register of significant aspects and impacts has been formulated in Appendix G.

11.4 Significant aspects:

11.4.1 Working adjacent to existing water courses (Surface Water)

11.4.2 Nuisance Aspects (Noise, Air Emissions, Blasting) potentially affecting nearby local residents.

11.4.3 Hazardous Material Management should contaminated loads be accepted, without knowledge.

11.5 Significant impacts:

11.5.1 Structural instability and risk of flooding in local communities downstream, impacts to groundwater from seepage.

11.5.2 Potential surface water silting and visually evident by decolourisation of surrounding watercourses by increased sedimentation levels.

11.5.3 Potential Nuisance to local residents by way of noise, dust pollution, increased traffic and potential ground vibration and air blast, once blasting commences.

12.0 OBJECTIVES & TARGETS:

12.1 Taking into account the identified significant environmental aspects / impacts of the project the following objectives and targets have been identified. The targets will be monitored and reported regularly.

No	Target	Measurement	Responsibility	Expected Achievement Date	Status
1	Establish a planning boundary and screening bund.	Weekly Summary of all material testing and compaction results, as built surveys.	Engineer (Recycle it Global)	Ongoing until Q4 2023	Active
2	Work towards zero incidents of surface water pollution.	Weekly Surface Water Infrastructure Inspection. (Increased frequency during periods of heavy rainfall) Quarterly review of surface water management plan	Site Manger (Recycle it Global) Environmental Manager (Recycle it Global)	Ongoing for duration of Recycle it Global presence on site	Active

3	Work towards zero complaints regarding dust	Maintaining Dust Suppression. Site Supervisor Daily Allocation Sheet and monthly Water Usage submission.	Site Supervisor (Recycle it Global)	Ongoing for duration of Recycle it Global presence on site	Active
4	Work towards zero complaints regarding noise (and vibration)	Monitor working within noise restrictions for operational areas. Equipment Maintenance (Daily Plant Check. Plant Service records).	Site Manager (Recycle it Global) Site Supervisor (Recycle it Global)	Ongoing for duration of Recycle it Global presence on site	Active
5	Work towards zero Pollution incidents	Weekly Inspections of Storage and Maintenance Areas. Monthly review of environmental accidents & incident	Site Supervisor (Recycle it Global)	Ongoing for duration of Recycle it Global presence on site	Active

13.0 PERMITTED WASTES:

13.1 Loads will be delivered to the site contained within skips, containers, fixed-body vehicles, flat-bed trailers or multi-lift vehicles.

13.2 The throughput of the site will be to a maximum of 74,999 tonnes per annum. The quantities of wastes received, treated, and stored at site shall not exceed 74,999 tonnes.

13.3 Schedule 2 - Extract from WTS Permit on accepted waste types:

Waste Code	Waste Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those

	mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07

10	Waste from Thermal Processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 24	sands from fluidised beds
10 11	wastes from manufacture of glass and glass products
10 11 12	waste glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and
10 13 11	wastes from cement-based composite materials other than those mentioned in 10
10 13 14	waste concrete and concrete sludge

17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 02	glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07

19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 01	wastes from incineration or pyrolysis of waste

19 01 19	sands from fluidised beds
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01

20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals

13.4 Strict requirements will apply to certain types of wastes.

13.4.1 No dusty loads will be accepted.

13.4.2 No loads of powdered waste are accepted.

13.4.3 No loads of liquids waste are accepted.

14.0 WASTE MANAGEMENT:

14.1 RIG Scorrier will operate a segregated waste recycling policy, with dedicated waste skips for general waste, wood, metals, and recyclable materials. Waste oils and oil contaminants (oily rags, used filters) will be disposed of off-site by an approved waste handler. These will be stored internally in the workshop. All waste oils will be collected in the double bunded waste oil storage tank situated on the concrete pad draining to the main storage tank. These will eventually be filtered and recycled off site by others. A final plan of the waste collection areas, to be located within the site plan Appendix B. Any contaminants removed from the silt traps associated with the designated wash down area, will be treated as contaminated waste and disposed of accordingly.

14.2 The intention is to use no detergents for pressure washing the vehicles within the designated wash down bay, as no trade effluent discharge license is available on site. The use of any detergents may adversely affect the efficiency on the oil interceptors on site.

14.3 All sewage resultant from our welfare facilities and offices located in the new area will feed into a holding tank that will be emptied regularly.

14.4 Controlled Waste Transfer Note (WTN) Details of each waste movement off site are to be entered onto the RIG Scorrier's Environmental Waste Management database. Waste transfer notes are to be provided for every load of inert or non-hazardous waste being removed from site. This will also be filed on site.

14.5 Waste Skips: Wherever possible waste materials will be recycled for utilisation. Skips are to be located in designated areas within the new site compound area, a minimum of 10m from any watercourse. Skips will be provided for different types of waste and labelled accordingly with the type of material they contain. All general waste skips will be covered to avoid waste blowing about and pests. The exception to this is the metal skips which can be open.

14.6 Waste bins: Mess hut and canteen areas will be kept clean with dedicated sealed waste bins for storage of food waste and various other recyclable waste e.g ferrous materials, timber, plastics etc.

15.0 STAFFING AND MANAGEMENT PROCEDURES:

15.1 Minimum staffing and supervision: Whenever the site is open to receive wastes it will be supervised by the Site Manager or at least one member of staff (deputy) who is fully conversant with the requirements of the Environmental Permit and its Site Management Procedures (SMP) regarding, in particular, the following:

- 15.1.1 Waste acceptance and control procedures.
- 15.1.2 Operational controls and environmental monitoring.
- 15.1.3 Plant and Site Maintenance
- 15.1.4 Record-keeping
- 15.1.5 Emergency action plans
- 15.1.6 Notifications to the Environment Agency

15.2 Detailed records of the attendance time at site by the Technically Competent Manager (TCM) and nominated deputies will be recorded as an integral part of the 'signing in' sheet. These records will be kept in the operations office for inspection as and when required.

15.3 The facility and its operations will be under the direct control of a nominated TCM by the Environmental Permit holder, namely RIG Scorrier who will be qualified by means of holding a Certificate of Technical Competence [COTC] issued by WAMITAB.

15.4 The TCM will provide the required attendance time at the facility as required by Guidance periodically issued by Environment agency.

15.5 If either TCM or Site Manager is changed, the Environment Agency will be informed of the change and the relevant details of the replacement as soon as possible.

15.6 Staff Members / Advisors trained in the requirements of the SMP and nominated to deputise for TCM are:

- 15.6.1 Site Manager
- 15.6.2 Site Supervisor

15.7 A copy of the Environmental Permit, this Site Management Procedure and the supporting documents will be kept available in the main operations office for reference when required by all site staff carrying out work under the requirements of the waste management licence.

16.0 NOTIFICATION OF CHANGE:

16.1 The following information shall be notified in writing within 28 working days to the Environment agency:

- 16.1.1 Any change in the environmental permit holder's trading name, registered name or registered office address.
- 16.1.2 Any steps taken with a view to the environmental permit holder going

- into administration, entering into a company voluntary arrangement or being wound up.
- 16.1.3 Any change to the site operator's details or introduction of a third party to operate the site.

17.0 HEALTH & SAFETY:

- 17.1 All operations on site will be carried out in accordance with the relevant requirements of the Health and Safety at Work Act 1974 as well as other relevant pieces of Health & Safety legislation such as the Management of Health & Safety at Work Regulations 1999. The safety systems and safety aspects of the site will be overseen and administered to by a qualified Health & Safety Manager who also possesses commensurate experience and qualifications of operations carried out within the waste industry.
- 17.2 Conditions of site use, risk mitigation and safety procedures for RIG Scorrier employees will be advised and monitored by all or a combination of the following:
- 17.2.1 Risk Assessments & Safe Systems of Work.
 - 17.2.2 Control of Substances Hazardous to Health Assessments (COSHH).
 - 17.2.3 Display Screen Equipment Assessments (DSE).
 - 17.2.4 Safety Procedures.
 - 17.2.5 Safety Policy.
 - 17.2.6 Safety signage.
 - 17.2.7 Instruction and Training (Site Briefings, Toolbox Talks, Formal Training Sessions)
- 17.3 Conditions of site use, risk mitigation and safety procedures for visitors and contractors will be advised and monitored by all or a combination of the following:
- 17.3.1 Detailed instructions in writing (Site Safety Protocols Handout & RIG's Health & Safety Standards document).
 - 17.3.2 On site safety control measures by use of trained RIG staff in critical functions (e.g., Banksmen)
 - 17.3.3 Distribution of RIG safety Risk Assessments & Safety Procedures to contractors who will be undertaking tasks on site (where appropriate and necessary). Such safety documentation may be distributed in advance of the scheduled site work taking place.
 - 17.3.4 The provision of site-specific risk assessments & method statements completed by contractors undertaking work on the site and supplied to RIG management in advance of any such undertakings.
- 17.4 Any individual or organisation refusing to comply with the required site safety protocols of the site may be refused entry or may be asked to leave the site.
- 17.5 A robust and comprehensive Safety Management System (SMS) exists for the site that details and mitigates significant risks posed by the operations conducted by Recycle It Global Ltd. The safety systems operated at the site and all supporting safety documentation will be compliant with the requirements of the ISO 45001, International Safety Standard.
- 17.6 All works requiring concurrence by regulatory authorities will be notified to the authority with at least 7 days' notice in writing being given to the relevant authority of the intention to do so. The notification will include details of what work is being done and when.

18.0 NOTIFICATION OF OPERATIONS:

- 18.1 Management procedures will continually evolve as the site develops new operations and procedures, annually these will be reviewed and appraised and where necessary improvements will be implemented. No specified environmental permit operation will be carried out until a management procedure has been implemented.
- 18.2 In the event that the site ceases all waste management operations, either

permanently or for longer than 28 days, then no later than 5 working days following the cessation of waste management activities, the environmental permit holder will inform the Environment agency in writing of the date of cessation and the planned date of recommencement. In the event that the site recommences environmental permit operations sooner than the notified date then the environmental permit holder shall give Environment Agency at least 5 working days' notice in writing.

19.0 POLLUTION PREVENTION, CONTROL & MONITORING:

19.1 The site is surfaced with a mixture of tarmac, concrete and hard standing, whilst the permitted area is of hard standing only with a boundary drain.

19.2 The tarmac and concreted area of the site represents the area for vehicles entering the site, turning areas and vehicle parking. Runoff from these areas drains to existing surface water drainage.

19.3 The unsurfaced areas of compacted stone/hardcore will be used for the storage of the inert wastes only and derived products, namely soil, soil substitutes and aggregates, none of which give rise to potentially polluting runoff. These areas will drain naturally to ground, with the perimeter of the permitted area being constructed with a French drain to collect any surface run off prior to silt trap with isolation valve followed by interceptor and soakaway discharge.

19.4 Notice Boards and Signs:

19.5 A notice board will be erected at the site entrance and will display the following information:

19.5.1 The site name and address.

19.5.2 The name of the permit holder and operator.

19.5.3 The Environmental Permit number and accompanying statement stating that the site is permitted by the Environment agency.

19.5.4 The Environment agency contact details, Emergency No. 0800 80 70 60.

19.5.5 Environment Agency General Enquires No. 03708 506 506.

19.5.6 RIG UK General Enquires No: (0)20 3922 1338.

19.5.7 Operator's "out of hours" emergency contact details. Paul Nicholls 07946 629167.

19.5.8 Operating hours.

19.6 Additional signs will be displayed around the site for operational / health & safety purposes that are compliant with The Health and Safety (Safety Signs and Signals) Regulations 1996. All staff and visitors will be required to comply with the requirements of all signs whilst on site.

19.7 Fuel Storage: A Mobile Diesel Fuel Bowser will be used on site, designed to comply with current EU Environmental Regulations for the elimination of accidental spillage. The outer container bund must be in excess of 110% capacity of the inner container.

19.8 Spillages: Any oil and vehicle maintenance chemicals kept on site will be stored securely. If any spills occur a spill containment kit (absorbent pads, booms or granules) will be used to prevent further spillage and the contaminated absorbents placed in a skip for disposal to a suitably permitted landfill. Given the nature of the waste material that is to be accepted on the site and taking into consideration site operations, no chemical leaks are expected or anticipated on the site.

19.9 Deposited Drummed Waste: The deposit of drummed waste will not be allowed at the site. If a drum is concealed within a vehicle payload and is not observed until that payload is deposited in the tipping area, then the following procedure will apply:

19.9.1 The staff members will visually check the condition of the drum from a safe distance, noting any labels referring to the possible contents or hazards.

19.9.2 The producer of the waste and the Environment Agency will be

contacted for advice and further information if necessary and both will be informed that a breach of the Duty of Care and site permit conditions has occurred as the result of the unauthorised deposit.

19.9.3 No further waste will be deposited until the emergency has been dealt with.

19.9.4 All spillage will be cleared using a spill containment kit and all contaminated absorbents placed in a skip for disposal to a suitably permitted waste management site.

19.9.5 If the deposit results in serious reactions with other waste or harmful emissions or the drum contents cannot be identified, then the emergency services and/or specialist waste contractors will be brought in to assist. If necessary, staff will be evacuated from the site or to a safe area within the site. waste contractors will be brought in to assist. If necessary, staff will be evacuated from the site or to a safe area within the site.

19.10 Breakdowns: In the event of breakdown of the loading plant, an alternative machine will be brought on site until it is repaired. If an alternative machine cannot be used, then waste will be stored securely until the plant is repaired. The repair will be carried out at the most convenient location with the procedure detailed in 2.5 Spillages above to clear any oil or fuel spillages generated as a result of the breakdown.

19.11 Site Surfaces: All site surfaces will be inspected daily when the site is in operation. If any debris are noted, they will be swept as required and placed in a skip for disposal to a suitably permitted site.

19.12 Suspect Waste: Any wastes suspected to give rise to contamination will be removed from the site if the site is not secure or if operations cease or are temporarily suspended.

19.13 Surface Water Drainage: The site drainage system including the silt trap and interceptor shall be inspected on a weekly basis by the Site Manager or his nominated deputy. Should any blockage or debris be discovered this will be brought to the attention of Operations Director who will take immediate remedial action to clear any blockage. Results of the inspection and any action taken will be recorded on the Weekly Drainage Inspection Record and filed in the Site Diary under the appropriate section.

19.14 Control of Mud & Debris: Vehicles should be visually inspected by the driver before exiting to check that loads are safe and that no mud is carried out on the wheels or body of the vehicle. Visual inspections of the site roads are carried out daily and details recorded in the Daily Site Monitoring & Environmental Log. Records are kept in the Site Diary folder which is in the site office. However, staff will report any problems with mud or debris on the site roads immediately to the site manager.

19.15 The deposit of material on the access road or public highway will be treated as an emergency and will be cleared immediately by the operator using either a brush and shovel or vacuum tanker/road sweeper if necessary. Silt will not be washed into roadside drains or gullies.

19.16 Control & Monitoring of Dust: A series of dust mitigation measures will be implemented on site to ensure dust emissions are controlled as far as is practically possible. The measures include:

19.16.1 Sheeting of vehicles delivering waste to the site (if necessary).

19.16.2 Sheeting of vehicles transporting potentially dusty loads off site.

19.16.3 Use of mains water or a mobile bowser / Dust Boss to damp down materials stockpiles, vehicle running surfaces, vehicle loads and areas on and around machinery which may give rise to dust, especially during dry and windy conditions.

19.16.4 Cleaning of any spillages using wet cleaning methods.

19.16.5 Use of crusting agents on stockpiles, if required.

19.16.6 Drop heights ALWAYS minimised to prevent dust emissions.

19.17 Site operatives will continuously monitor dust emissions whilst the site is in

operation and will report back to the Operations Director or TCP for advice if required. The Site Manager will make a formal visual inspection of dust emissions at least twice per day. Results of monitoring will be recorded in the Daily Site Monitoring & Environmental Log. Records are kept in the Site Diary folder which is in the site office.

- 19.18 Light Pollution:** Light pollution will be minimised by utilising minimum intensity, low level lighting within operating areas and externally visible working areas of the site.
- 19.19** A permanent water supply will be made available on site in all climatic conditions to ensure that the dust suppression systems can function effectively. Any external water pipes will be lagged to prevent frost damage during winter months.
- 19.20** The complaints procedure as detailed in the Complaints Report Form will be rigorously enforced should a third-party complaint be received.
- 19.21 Odour Control:** Given the nature of waste accepted at the site (i.e., soil, soil substitutes and aggregates), there is a very low risk of odour nuisance. If wastes identified as giving rise to odour will be dealt with by means of a combination of them following measures:
- 19.21.1** Any such malodorous material will be quarantined and or relocated away from uncontaminated materials.
 - 19.21.2** Malodorous material may be consigned to a container for rejected waste or removed from the site where possible and practicable immediately.
 - 19.21.3** Odour assessments will be carried out daily and results recorded in the Daily Site Monitoring & Environmental Log. Records are kept in the Site Diary folder which is in the main office.
 - 19.21.4** The complaints procedure as detailed in the Complaints Report Form will be rigorously enforced should a third-party complaint be received.
- 19.22 Litter Control:** Given the nature of waste accepted at the site (i.e., soil, soil substitutes and aggregates), there is a low/negligible risk of litter from the site. The site has been designed to incorporate a bund to surround the main storage and processing areas.
- 19.23** Although unlikely to present a problem due to the nature of the waste accepted at the site, daily inspections of the site boundary will be carried out for the presence of windblown litter and operatives will be instructed to collect the litter and place it in a skip for disposal/recovery before the end of the working day. In any event, all light waste will be placed in skips before the end of the working day.
- 19.24 Control & Monitoring of Noise & Vibration:** The site is located off a major truck road (A30 situated in the countryside. The commercial/residential premises are located to the west and the site is surrounded by farmlands.
- 19.25** The site is located within the countryside and next to a major trunk road, means noise associated with the site operations should not greatly increase the existing noise level in the area. sensitive properties (i.e., residential housing to the west and north east). The site will be operated using the Best Practicable Means at all times to ensure that all plant and equipment does not exceed agreed background levels by more than 5dB, measured at the nearest noise sensitive properties, as listed below. Potentially noisy plant/equipment is located inside the natural tree & fauna lined boundary of the site.
- 19.26** Unless otherwise agreed in writing by the WPA, the noise level arising from the approved operations shall not exceed 45 dB LA eq (1 hour) (freefield) as measured at the nearest occupied dwelling, between the approved working hours. There shall be no operations that generate audible noise beyond the application site boundary outside of the approved working hours.

19.27 As a minimum, the 45 dB noise limit shall apply at the following locations

19.27.1 a - Houses at Treskerby

19.27.2 b - Treskerby House / Hunters Lodge

19.27.3 c - Bryher House

19.27.4 d - Fourburrow Cottage / Fourburrow House

19.27.5 e - Kennel Cottage

19.28 Drawing Number W2/115(12)A shows the approved noise monitoring locations, representative of these property locations.

19.29 There shall be no use of single or multi pitch reversing beepers on mobile plant or vehicles used in the operation of the site that are in the control of the operators. The provisions of this condition shall not preclude the use of alternative inaudible health and safety warning devices.

19.30 A site-specific Noise Management Plan is shown in the table below, which will ensure the noise levels at the site are managed appropriately by identifying: the likely sources of noise arising from the development; and the actions to be taken / procedures to be followed or planned in order to prevent or minimise levels.

POTENTIAL NOISE SOURCE	ACTION TO BE TAKEN TO PREVENT OR MINIMISE NOISE
HGVs travelling to and from the site for delivery/collection of wastes/products.	All vehicles are required to be driven onto and off site with due consideration for neighbouring premises. HGV movements will be spread out evenly throughout the day.
Loading/unloading of waste delivery vehicles	Vehicles must be well maintained and operated with silencers. Moving parts to be regularly lubricated. All vehicles must be driven slowly around the site (10mph site speed limit). Engines to be switched off when not in use. Reversing alarms to be preferentially fitted with white noise alarms to minimise impacts on neighbouring sites. Drivers must lower the tipper body for inert waste deposits before driving away from the reception area. This is essential as overhead power lines are present on the site approach road. No shaking of vehicle bodies whilst raised.
Operation of materials recycling plant – Crushing & Screening Plant	Engines to be switched off when not in use. Plant to be well maintained and operated with silencers. Moving parts to be regularly lubricated. Potentially noisy plant/equipment is located inside the noise attenuation bund, specifically designed to mitigate against off site noise emissions.
Operation of loading plant (i.e., loading shovel / 360 excavator)	Drop heights to be kept to a minimum, particularly when loading empty tipper wagon/skip/container to minimise noise/vibration. Engines to be switched off when not in use. Plant to be well maintained and operated with silencers. Moving parts to be regularly lubricated. All vehicles must be driven slowly around site. Loading plant/machinery will only be operated at ground level, i.e., never on stockpiles.
Small vehicles travelling to and from the site (e.g., staff and visitor's cars, courier van deliveries etc.)	All those working on and visiting the site to be made aware of need for considerate driving and keeping vehicles well maintained. (Site Safety Protocols Handout) Small vehicles will arrive marginally earlier than the main site operating hours.

19.31 Use of hydrocarbons and chemicals on site: All fuels, lubricating oils or chemicals stored in bulk on the site will be located away from any water course. Specific COSHH stores are to be sited on a compacted base. The stores will be lockable and will be kept locked at all times when not in use. All containers within the stores will be clearly marked and specific for their purpose. The stores will have a spill kit within it at all times which will be maintained by a nominated supervisor. Checks will be made on the condition of the stores on a weekly basis

by the Environmental Coordinator as part of a site wide weekly checklist.

19.32 COSHH Register: A Register of Substances, including quantities, held on site will be maintained. All COSHH materials arriving on site are notified to Site Manager along with MSDSs and COSHH assessments.

19.33 Fuel delivery & Refuelling: Deliveries and filling of storage tanks will be supervised by a nominated person, and undertaken in accordance with the site procedures for fuel delivery. Refuelling of small plant and mechanical tools will take place in a dedicated area away from any watercourse and will normally be undertaken by the mobile fuel bowser operator whom will be familiar with all site refuelling & emergency procedures and fully equipped with drip trays, and spill kits if required.

19.34 Contaminated waste: Once the situation is under control any contaminated spill kit clean up material should be bagged up in suitable storage containers and removed from site via a licensed waste disposal company. Any contaminated land must be dug up and again disposed of via recognised off site licensed waste routes.

19.35 Mobile plant: All plant and site vehicles to have daily inspections and services to check for leaks. Recycle it Global plant check sheets shall be completed and filed for record purposes. Any mobile leaks are reported to the Mobile plant maintenance supervisor immediately upon identify a leak or sudden drop in oil or fuel volumes.

19.36 Lighting towers, Pumps & Generators: Pumps/generators/compressors to be located on drip trays at all times. Where possible sealed self-contained units will be employed to avoid the integral spillage bunds filling with rain water. All lighting towers will have a self contained fuel tank.

19.37 Chemical storage: All chemicals will be transported, stored and used in strict accordance with manufacturer's instructions. Material data sheets and COSHH assessment data, will be held on site both electronic database and hard copies available at point of source. Cement and other potentially polluting materials will be stored in a designated area at least 10 metres away from any watercourse and in an area that not susceptible to being washed away by rain water run-off.

19.38 Ecology / Wildlife management: All clearance of hedges and trees will be carried out outside the recognised birds nesting period of 1st March to the 31st July. All clearing and virgin ground disturbance activities are to be completed in accordance with Recycle it Globals procedure. An environmental officer may be utilised for specialist advice on protective measures that may arise on site but not considered in this document.

19.39 All wildlife harm or deaths to be reported to the HSE Manager immediately. The location of invasive species will be delineated once identified and a formal removal procedure will be completed. Biodiversity Enhancement Zones are no-go areas and these are detailed in the induction. No staff should enter these areas.

19.40 Archaeology, Heritage & Mineral Specimens: Any artefacts or significant items/areas of archaeological interest, upon discovery must be immediately reported to the Site Manager and will remain the property of Recycle it Global. These items must not be removed from site. There are fenced of scheduled ancient monuments on site. These areas must not be entered.

20.0 COMMUNICATION:

20.1 All RIG Scorrier employees are made aware of the company's Environmental Policy & Environmental Management Plan. All subcontractors will also be made aware of the RIG Scorrier's environmental policy and this plan at the subcontractor selection stage. All staff (including subcontractors) will be made aware of the environmental policy and site-specific issues during their site induction.

- 20.2 Communication with affected/interested parties:** If approached by local residents regarding environmental issues / concerns, then this must be recorded and directly communicated to the Site Manager.
- 20.3 Complaints:** Any complaints received will be recorded on The Complaints Report Form. This form will normally be completed, signed, and dated by the Site Manager; if it is not available the Office Manager will complete the form.
- 20.4** The name, address and telephone number of the caller will be requested.
- 20.5** Each complaint will be given a reference number.
- 20.6** The caller will be asked to give details of:
- 20.6.1** the nature of the complaint.
 - 20.6.2** the time.
 - 20.6.3** how long it lasted.
 - 20.6.4** how often it occurs.
 - 20.6.5** Is this the first time the problem has been noticed; and
 - 20.6.6** what prompted them to complain.
- 20.7** The person completing the form will then, if possible, make a note of:
- 20.7.1** the weather conditions at the time of the problem (rain, snow, fog etc.)
 - 20.7.2** strength and direction of the wind; and
 - 20.7.3** the activity or activities taking place on the site at the time the noise was detected, particularly anything unusual.
- 20.8** The reason for the complaint will be investigated and a note of the findings added to the report. Photo evidence of the waste or area should be obtained and included in the body of the report where possible.
- 20.9 High Winds:** There will be no sorting, processing or treatment of any wastes which are likely to be blown around during conditions of high winds. Vehicles leaving the site will be sheeted to comply with the requirements of the Duty of Care legislation.
- 20.10 Poor Visibility:** The site will reduce operations to single inbound vehicle movements in conditions of poor visibility such as dense fog to reduce the risk of vehicle collision.
- 20.11 Operational Plant Failure:** The Operations Director and TCP will be contacted by staff in the event of any operational failure such as the breakdown of plant, systems or equipment and will decide whether operations are to continue, or be suspended prior to corrective action being taken. Serious operational failures, which result in the closure of the site, will be recorded in the site diary. Daily Site Monitoring & Environmental Log Records are kept in the Site Diary folder which is in the main office.
- 20.12 Bomb Scare or Explosive Ordinance Discovered on Site:** In the unlikely event of a bomb scare, or explosives ordinance being discovered in an inbound waste stream the site will be evacuated immediately, main gates closed, and the police contacted. Staff will ensure from a safe distance that the site stays evacuated. The police will then assume control of the site until the threat has been verified or the device defused and removed. The Environment agency will be kept informed of events on site.
- 20.13 Accidents, Incidents & Near Miss reporting:** All environmental accidents, incidents & near misses must initially be reported to the shift supervisor (Shift supervisor will inform the Site Manager), who will decide on the appropriate actions required and instigate isolation/clean-up/drainage diversion procedures as soon as practically possible. An environmental near miss can be thought of as an occurrence that has the potential to cause harm, damage or

loss to wildlife, humans or the natural or built environment.

20.14 Examples include:

- 20.14.1 A fuel/oil spillage occurrence which has been totally contained within a bunded area.
- 20.14.2 A spillage/discharge of sewage, water or other effluent that has been completely contained on site.
- 20.14.3 A pump failing during over-pumping operations, but no pollution incident.
- 20.14.4 A client asset which has been accidentally damaged (particularly sewage, water and other effluent pipes), but with no resultant contamination of surface water, groundwater, aquifers or adjacent land.
- 20.14.5 A protected species (e.g. badger, nesting-bird, great crested newt, protected tree) has been encountered (but not harmed or damaged), or invasive species Japanese knotweed which was not previously identified during site survey work.
- 20.14.6 A feature of archaeological significance has been encountered which had not been previously identified during site survey work.
- 20.14.7 A situation has arisen which if not addressed would result in an environmental incident (e.g. site flooding due to poor consideration of drainage requirements, vandals gaining access to fuel storage facilities).
- 20.14.8 Recycle it Global Ltd use environmental tool-box talks including those produced by CECA, CIRIA, CIP, and UKCG to communicate accepted good practice.

20.15 Method statements & risk assessments: Staff (and subcontractors) will be fully briefed on method statements and risk assessments, which they will be required to follow. Method statement briefings will be recorded. Method statements and risk assessments must address the environmental aspects, implications and associated control methods of all tasks.

21.0 ENVIRONMENTAL MANAGEMENT:

21.1 The Environmental Management plan will be reviewed quarterly or after an accident, incident or near miss has been reported. The environmental management plan will also be reviewed if any other environmental aspects & impacts associated with this project and works to be undertaken are identified at RIG Scorrier such as:

- 21.1.1 New information becomes available for the site.
- 21.1.2 Amended methods of working are to be implemented.
- 21.1.3 There is a change in the design of the site.

21.2 Checking and Audit: Monitoring performance on site will be carried monthly by the Site Manager who will record & communicate the environmental aims & objectives to the Recycle it Global Management team & site employees & contractors. Maintenance area / fuel storage / skips / processing plant will be inspected & recorded weekly.

21.3 Documentation: Copies of all environmental documentation are filed in accordance with the Recycle it Global filing system with copies distributed as per the document control procedure. Environmental records include:

- 21.3.1 Environmental Permits
- 21.3.2 Register of Legislation
- 21.3.3 Method statements
- 21.3.4 Manufacturers' material safety / environmental data sheets (COSHH Assessments)
- 21.3.5 Emergency Plans / Procedures
- 21.3.6 Copies of any relevant communication with Environmental Regulator
- 21.3.7 Waste transfer/consignment notes/consignee returns
- 21.3.8 Waste premises notifications
- 21.3.9 Waste management licenses and exemptions
- 21.3.10 Monitoring/performance data (including audits)
- 21.3.11 Survey records/reports
- 21.3.12 Environmental risk assessments/impact assessments

- 21.3.13 Incident, near miss and complaint records
- 21.3.14 Training records (inductions, toolbox talks etc.)
- 21.3.15 Environmental Management Plan

22.0 FIRE PREVENTION & RESPONSE PLAN:

- 22.1** A detailed and specific Fire Risk Assessment will be completed and will consider the risks associated with fire at the site, Scorrier Estate, Treskerby Road, Scorrier, Cornwall, UK, TR16 5AU, which will be used for treatment of waste to produce soil, soil substitutes and aggregates.
- 22.2** All site staff should be provided with a copy of the Fire Risk Assessment and be aware of where it is located on site.
- 22.3** The site will practice full fire evacuation protocols twice per year in order to exceed the requirements of the Regulatory Reform (Fire Safety) Order 2005. Results of the fire evacuation drills will be recorded in the Site Fire Log which also contains details of:
- 22.3.1** Fire Extinguishers
 - 22.3.2** Emergency Lighting
 - 22.3.3** Fire exits
 - 22.3.4** Fire Alarm Tests
 - 22.3.5** The Site Fire Log will be kept in the main office.
- 22.4 Potential Fire Hazards on Site:** The following list outlines the materials which have been identified on site as having combustible potential along with the maximum quantity of these materials stored on site at any given time:
- 22.4.1 Woods
 - 22.4.2 Plastics
 - 22.4.3 Organic Material
 - 22.4.4 Paints
 - 22.4.5 Fuels
 - 22.4.6 Oils
- 22.5** Specified wastes will be treated to produce soil, soil substitutes and aggregates which do not pose a fire risk. However, before the waste has been sorted it may contain some of the material mentioned below which could pose a fire hazard. This waste will be sorted in the waste reception area prior to sorting.
- 22.6 Rejected Waste (20 tonnes):** This material will be stored in clearly labelled enclosed skip if it cannot be removed from the site immediately. The location of this skip is shown on (Site Permit Boundary & Layout Plan) Rejected items can sometimes contain materials which are particularly susceptible to combustion. If any such items or materials are discovered, they will be subject to individual quarantine and the TCM will be contacted to agree a course of action. In all such cases the TCM and External Safety Advisor will be notified.
- 22.7 Reactive Wastes (10 tonnes):** Wastes which are likely to be reactive predominantly consist of liquid or drummed wastes, neither of which are permitted for acceptance at the site. If any such wastes are discovered, they will be subject to individual quarantine and the Environment agency will be contacted to agree a course of action.
- 22.8 End-of-life tyres (5 tonnes):** This material will not be accepted on site, but any discovered will be stored for removal off site in stockpiles at an appropriate location. Whilst not readily combustible, the calorific value of these materials is such tyres will burn with a higher heat and for longer when compared to other fires containing wood/paper/plastic/etc.

- 22.9 Fuel tanks:** Fuel tanks will be correctly isolated, and all fuels will be stored in specialist fire retardant storage devices. All fuel tanks will be earthed to the ground.
- 22.10 Potential Ignition Sources:** The following list outlines potential sources of ignition for the material on site and outlines specific examples of these sources.
- 22.10.1 Burning of waste on site
 - 22.10.2 Plant or equipment failure (e.g. spillages of fuel, sparks from machinery)
 - 22.10.3 Electrical faults or damaged/exposed electrical cables
 - 22.10.4 Leakage from fuel tanks (e.g. as a result of damage)
 - 22.10.5 Arson or vandalism
 - 22.10.6 Naked flames/smoking materials
 - 22.10.7 Maintenance works involving hot works (Welding, grinding etc.)
- 22.11 Preventative Maintenance:** All items of plant and vehicles are subject to preventative maintenance checks to ensure their safe operation and to prevent any potential situations which may give rise to adverse impacts on the environment.
- 22.12** Much of the plant and equipment on site and all vehicles in the fleet are subject to periodic manufacturer maintenance to ensure proper working order in the form of service contracts.
- 22.13** Site management will undertake or delegate additional preventative maintenance checks on a more frequent basis to ensure, where possible, the machinery is mechanically sound. These checks will be carried out using a preventative maintenance checklist and any results / defects will be recorded in the site diary and actioned immediately and, in any event, prior to operational use.
- 22.14 Fire Prevention:** The following prevention measures will be implemented on site to reduce the likelihood of fires on site.
- 22.15 Burning of Waste on Site:** There will be strictly no burning of waste permitted at the site.
- 22.16** Extensive training provided to all site staff and contractors and employment contracts recognise the severity of any instances of pre-meditated burning of waste and would lead to immediate dismissal and threat of prosecution through civil/criminal courts depending on the circumstances. Firefighting equipment will be kept available when accidental burning of waste occurs.
- 22.17 Overheating of Stored Waste:** Direct sources of overheating may include generators, heating pipes, floodlight bulbs, space heaters etc. Any particularly reflective surface may also present a risk from direct sunlight.
- 22.18** Sources of heat will be kept at least 3m away from inert stockpiles and will be increased to 6m for any stockpiles of suspected combustible or flammable materials (mixed waste.)
- 22.19** Although unlikely due to the types of material stored on site and the strict waste acceptance and verification procedures, consideration will be given to the location of certain stockpiles to ensure no reactions take place between incompatible materials. Furthermore, any wastes identified during the incoming waste inspections which are likely to be either particularly combustible or reactive will be removed and quarantined immediately to await safe removal from site and the NRW contacted (where necessary) if the non-conforming waste discovered is likely to lead to a breach of permit conditions.
- 22.20 Electrical faults or damaged/exposed electrical cables:** All electrical cables on site will be inspected and periodically maintained to ensure they are not damaged or exposed.
- 22.21 Leakage or Spillage from Fuel Tanks:** Any fuel tanks which are stored on

site will be surrounded by a bund capable of containing a minimum of 110% of the volume of fuel stored in the tank.

22.22 Arson or Vandalism: The site is in the countryside, so it is unlikely that an opportunist vandal or arsonist would stumble on to the facility. Therefore, the risk of arson is considered low risk, meaning any reckless occurrence would be premeditated.

22.23 The site access gates are steel and are lockable to prevent unauthorised vehicular and/or pedestrian access.

22.24 The site will benefit from CCTV with 24-hour access to coverage, with emergency response in place should the need arise.

22.25 The site is situated behind a commercial/residential property, so will benefit from the overall security of the wider area.

22.26 A security company has been engaged to periodically inspect the site during out-of-hours.

22.27 Naked Flames & Smoking: No naked flames or substantial heat sources are to be present on site or near potentially combustible materials. Smoking is prohibited on sites except for designated areas. Adequate extinguishing media will be present in this area.

22.28 Fire Containment Measures: In the unlikely event that a fire was to break out on site, the site has a number of measures in place, in addition to a number of existing characteristics of the site, which would limit the size, duration and impact of a fire on site. These are listed below:

22.28.1 The site has been designed to incorporate soil bunds and stockpiles of inert material to surround the main processing areas.

22.28.2 In addition, upon the discovery of a fire, site operatives will be trained to create fire breaks on site under the guidance of the emergency services, possibly using the abundance of inert materials such as soils that exist on the site.

22.28.3 As the site accepts predominantly inert waste, stockpiles of non-combustible soil, soil substitutes and aggregates will make up a large proportion of the material on site and would work towards impeding the spread of fire. In an emergency, it is conceivable that inert waste would also be used as active fire breaks if directed to do so by the emergency services.

22.28.4 Any stored waste which may be more susceptible to combustion in the stockpiled material, will be removed to prevent the spread of fire, again, if safe to do so.

22.29 Storage on Flat Ground: The land to which the site relates is flat, therefore reducing the risk of falling materials accelerating the spread of fire.

22.30 Drainage System: The entrance area to the site is made up of tarmac and concrete, runoff from these areas drains to existing surface water drainage. No waste is stored in this area therefore low risk.

22.31 The unsurfaced areas of compacted stone/hardcore will be used for the storage of specified wastes, namely soil, soil substitutes and aggregates, which do not give rise to potentially polluting runoff and therefore present a low risk. These areas will drain naturally to ground or in extreme rainfall, any runoff will drain to French drains which feed a silt trap, followed by interceptor prior to soak away.

22.32 The unsurfaced areas of compacted stone/hardcore will be used for the storage of small volumes of other waste, such as uncontaminated glass and as such do not give rise to potentially polluting runoff and therefore present a low risk.

22.33 Fire Detection and Handling Procedures: Staff will be suitably trained in how to raise the alarm, including supervisory contacts and guidance on how to use the

extinguishing equipment should the fire be small enough to tackle.

22.34 A full understanding of the site's procedures outlined in this document as well as in the Fire Risk Assessment will be required to be demonstrated as part of the site induction for all new staff.

22.35 Ongoing training will also be provided to ensure site staff are informed of any changes to any of the site management documentation subject to regular review.

22.36 The following measures are in place to ensure that fires are detected and tackled quickly on site:

22.36.1 Manual fire alarm systems will be activated on discovery of a fire.

22.36.2 Regular manual checks will be carried out by the site operator. He will perform visual checks for fire or situations likely to increase the risk of fire.

22.36.3 Firefighting equipment will be provided in open and visible locations on site as appropriate and regular training given for their use in tackling small fires.

22.36.4 Visible worded signs will be placed strategically around the site, giving full and clear instructions for fire alarm and means of escape (Emergency Evacuation Point, 999 instructions).

22.36.5 There is a constant mains water supply for the site in the unlikely event that a fire was to occur, and that fire was extinguishable using water. If a fire does occur and the site operatives are unsure of the nature of the fire, guidance will be taken from the local fire service.

22.37 Access for Emergency Services: The site is located off the A3047 road, which provides adequate and quick access for the emergency services. The width of the surrounding roads and the gateway to the site are wide enough for numerous HGVs to pass side by side, therefore providing sufficient access on site for the FRS.

22.38 Fire Detection Procedure: If a fire is detected or suspected it must be immediately reported to the site manager or Technically Competent Manager. The site manager will then conduct the following procedure:

22.38.1 Raise the alarm (if not already done by another staff member), initiate evacuation of staff and visitors on site to a fire assembly point and instruct delegated person(s) to conduct a rollcall to ensure all site users are accounted for.

22.38.2 Assess the intensity and scale of the fire and make a judgment as to whether the fire can be managed without the requirement for assistance from the emergency services.

22.38.3 If viable and safe, instruct necessary site staff to commence extinguishment.

22.38.4 If not viable or safe, call the local Fire & Rescue Service (FRS) immediately using 999.

22.38.5 Prior to the FRS' arriving, inform all neighbouring premises likely to be affected.

22.38.6 Ensure access routes are clear.

22.38.7 Ensure operators of appropriate machinery are standing by in a safe location to help create fire breaks, under the direction of the FRS when they arrive.

22.38.8 The site manager / TCM will identify themselves to the fire service as soon as they arrive on site and will provide them with a copy of the accident plan and update them with relevant information that will assist them in dealing with a fire more effectively.

22.38.9 Implement pollution control measures, only when safe to do so.

22.38.10 In all instances of a fire event occurring on site the External Safety Advisor must be advised so that a full fire investigation can be conducted and a RIDDOR report made, if necessary, as required by the Reporting of Injuries, Diseases & Dangerous Occurrence Regulations 2013.

22.39 Post Fire & Site Recovery: When the fire has been successfully dealt with the following actions will take place:

- 22.39.1 Any fires will be reported to the Environment agency on the working day that they occur and will be confirmed in writing by email or letter within 3 working days, including all steps taken by site staff, management and/or emergency services to deal with the fire.
- 22.39.2 Removal of burnt material using appropriate and lawful disposal.
- 22.39.3 Investigation into the cause of the fire, to ensure it does not reoccur.
- 22.39.4 A review of the accident plan, Fire Risk Assessment, and any associated safety procedures. Any amendment arising because of this review will be implemented.
- 22.39.5 A RIDDOR report made, if necessary, as required by the Reporting of Injuries, Diseases & Dangerous Occurrence Regulations 2013.
- 22.39.6 Review of any training requirements for site personnel



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This Environmental Management System (EMS) Summary has been produced by Paul Nicholls CMgr, MCMI, APMP AFcGI, Chief Executive Officer of Panoptic Group & RIG. Paul holds 20 years commercial experience in defence, overseas operations, government contracting, construction and mining.

The data in this EMS has been collated by Sanad Anwer, an Engineer of Recycle it Global. Sanad holds a BNG Mechanical Engineering and MSc in Mechanical Engineering. Sanad handles all aspects of mechanical, site and process engineering, along with compliance to regulations within his respective field.

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Supporting Documents:

Appendix A – Site Location Plan

Appendix B – Site Working Plan

Appendix C –Noise Receptor Points

Appendix D – Environmental Risk Assessment

Appendix E – Monitoring & Inspections

Appendix F – H1 Risk Assessment

Appendix G - Environmental Aspects & Impacts Register

Appendix A – Site Location Plan



Appendix B – Site Working Plan



NO	REVISION	DATE

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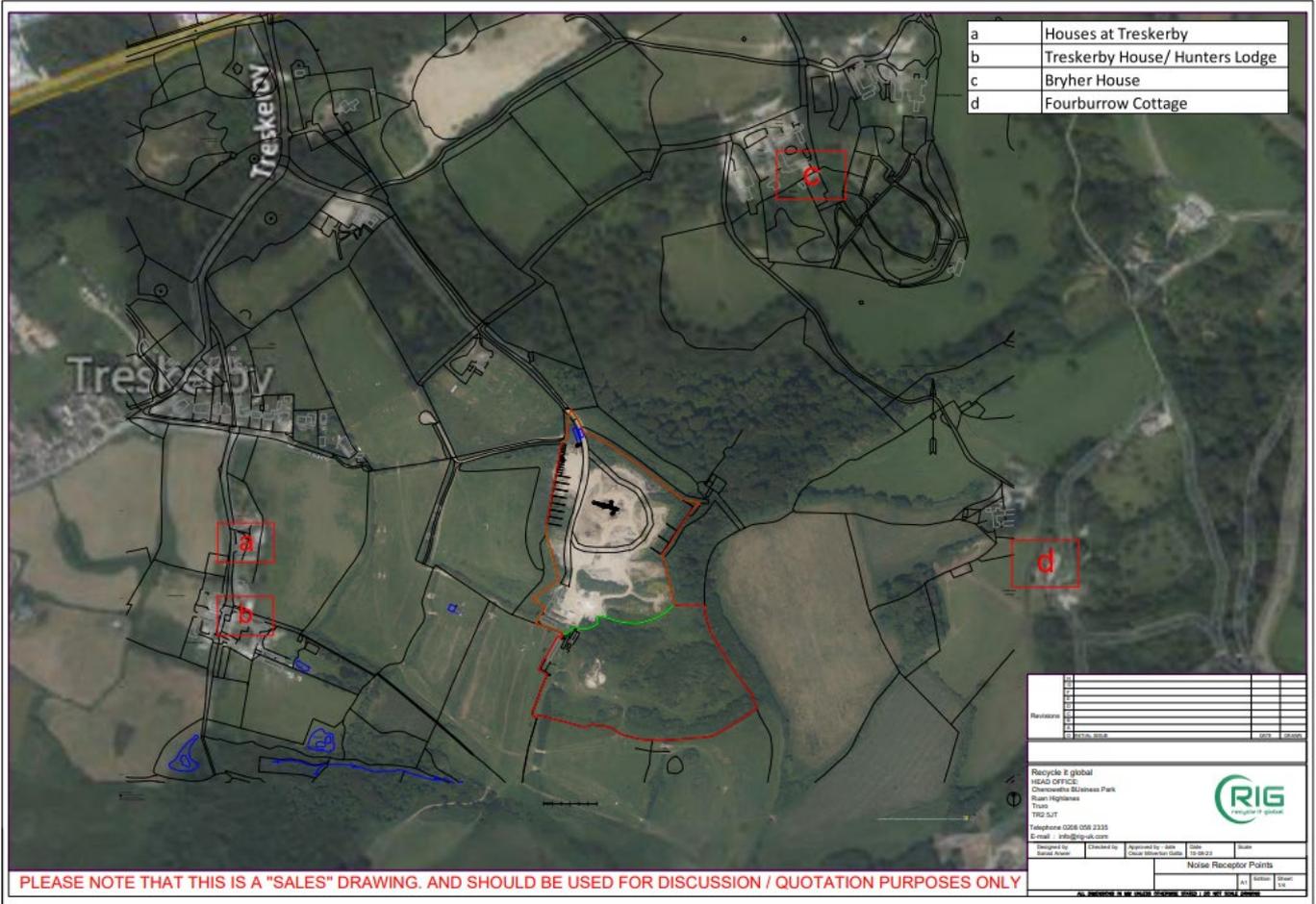


Drawn by	Checked by	Approved by	Date	Scale

Scortier Site Layout
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Appendix C –Noise Receptor Points



Appendix D – Environmental Risk Assessment

Environmental Concern		Mitigation Strategy
Significant aspects:	Loss of stockpile Structural Integrity, Containment.	Failure Mode & Effects Analysis (FMEA) Risk Assessment
Significant aspects:	Working adjacent to existing water courses (Discharge to Surface Water)	Point of Work Risk Assessment Safe System of Work Permit to Work
Significant aspects:	Nuisance Aspects (Noise, Air, Emissions) potentially affecting nearby local residents.	Failure Mode & Effects Analysis (FMEA) Risk Assessment
Significant aspects:	Hazardous Material Management	COSHH Assessment
Significant impacts:	Structural instability and risk of flooding in local communities downstream, impacts to groundwater/ Surface Water from seepage.	Failure Mode & Effects Analysis (FMEA) Risk Assessment
Significant impacts:	Potential surface water pollution, hydrocarbon contamination, silting and uncontrolled discharge of water off site, visually evident by rapid decolourisation of surrounding watercourses by increased sedimentation levels.	Failure Mode & Effects Analysis (FMEA) Risk Assessment
Significant impacts:	Nuisance to local residents by way of noise, dust pollution, increased traffic)	Failure Mode & Effects Analysis (FMEA) Risk Assessment
Significant impacts:	Localised contamination of land and water	Failure Mode & Effects Analysis (FMEA) Risk Assessment

Appendix E – Monitoring & Inspections

Activity being undertaken.	Frequency Operational	Frequency Non-Operational	Responsible	Accountable	Consulted	Informed
Monitoring the surface water levels	Weekly		Site Manager	Site Manager	Environmental Manager	Operations Director
Inspecting Roads and Surfaces	Daily		Site Supervisor	Site Manager	Environmental Manager	Operations Director
Inspecting pump equipment & generators	Daily		Site Supervisor	Site Manager	Supplier	Operations Director
Compliance to environmental permits	Quarterly		Site Manager	Site Manager	Environmental Manager	All
Storage of Hydrocarbon chemicals	Daily	Weekly	Site Manager	Site Manager	Environmental Manager	All
Waste management (General waste, wood & metal)	Daily	Weekly	Site Manager	Site Manager	Environmental Manager	Operations Director
Monitoring dust levels on site	Daily		All persons on site	Site Manager	Environmental Manager	Operations Director
Monitoring noise levels from site	Daily		All persons on site	Site Manager	Environmental Manager	Operations Director
Contractor management of waste carriers	Quarterly		Site Manager	Site Manager	Environmental Manager	Operations Director