Draft Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

4Recycling Ltd

The Old Peat Works
Reading Gate
Swinefleet
Goole
East Riding of Yorkshire
DN14 8DT

Permit number

EPR/GB3202XN

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The Old Peat Works
Permit number EPR/GB3202XN

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

4Recycling Ltd (4R) have applied to operate a waste treatment and storage facility at The Old Peat Works, Reading Gate, Swinefleet, Goole, East Riding of Yorkshire, DN14 8DT. This is located approximately 3.8Km north of Crowle and approximately 3.5Km west of Eastoft. The site is centred at approximately National Grid Reference (NGR) SE 76921 16851.

The permit authorises the applicant to store and treat hazardous and non-hazardous wastes on site to produce materials suitable for spreading to land as soil improvers and replacements for artificial fertilisers. The annual throughput of the site is limited to 100,000 tonnes per year of which no more than 10,000 tonnes is to be hazardous waste. The maximum quantity of hazardous waste treated on site is not to exceed 10 tonnes a day with no more than 50 tonnes of hazardous waste stored on site pending treatment.

The activities carried out on site include the chemical and physical treatment of sludges and other wastes, the conditioning of cement kiln dusts and by-pass dusts with water only, and the manual sorting, separation, screening, baling, shredding, crushing or compaction of waste into different components for recovery. No composting is permitted under the permit. The permit also allows the storage of wastes prior to land treatment. The permit does not allow any spreading of treated waste to land. All wastes accepted and subsequently treated on the site will require the appropriate assessment and authorisation prior to spreading to land.

All treatment and storage of wastes will be undertaken on impermeable surfacing with all contaminated surface water collected in the onsite 'dirty water lagoon' for offsite disposal. Only clean, uncontaminated surface water will be discharged to the surrounding water courses via the clean water lagoon.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	**Date**	**Comments**
Application EPR/GB3202XN/A001	Duly made 15/03/2019	Application for the treatment and storage of hazardous and non-hazardous wastes prior to recovery to land.
Additional information received	08/05/2019	Further clarification regarding the onsite processes.
Additional information received	28/05/2019	Further information received –habitats risk assessment.
Additional information received	02/08/2019	Response to a Schedule 5 notice issued 03/06/2019.
Additional information received	11/10/2019	Response to a Schedule 5 notice issued 20/09/2019.
Additional information received	12/11/2019	Further information received in response to a Schedule 5 notice issued 20/09/2019.
Additional information received	21/11/2019	Further information received – clean and dirty water plans.
Additional information received	28/07/2020	Removal of waste codes 20 03 06 and 20 03 99
Draft decision EPR/GB3202XN/A001	17/08/2020	Consultation 17/08/2020 to 21/09/2020

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Status log of the permit		
Description	**Date**	**Comments**
Permit determined EPR/GB3202XN	DD/MM/YY	Permit issued to 4Recycling Ltd.

End of introductory note

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Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/GB3202XN

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

4Recycling Ltd ("the operator"),

whose registered office is

Control House
A1 Business Park
Knottingley Road
Knottingley
West Yorkshire
WF11 0BU

company registration number 5747690

to operate waste operations at

The Old Peat Works
Reading Gate
Swinefleet
Goole
East Riding of Yorkshire
DN14 8DT

to the extent authorised by and subject to the conditions of this permit.

Name	Date
[name of authorised person]	**[DD/MM/YYYY]**

Authorised on behalf of the Environment Agency

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Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

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2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3, and S2.4, and;

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Pre-operational conditions

2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3A have been completed.

2.4.2 The operations specified in schedule 1 table S1.3B shall not commence until the measures specified in that table have been completed.

2.5 Technical requirements

Hazardous waste storage and treatment

2.5.1 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

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3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

(a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Fire prevention

3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

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(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

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(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

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Schedule 1 – Operations

Table S1.1 activities		
Activity Ref	**Description of activities for waste operations**	**Limits of activities**
A1	Chemical and physical treatment of sludges and other wastes R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) 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)	Treatment consisting only of blending, mixing, separation, and thickening of waste for recovery. Waste shall not be stored on site for longer than 3 years. Waste types as specified in Table S2.1. [Note 1], [Note 2]
A2	Conditioning of cement kiln dusts and by-pass dusts R5: Recycling/reclamation of other inorganic materials R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Treatment consisting only of conditioning with water. Waste shall not be stored on site for longer than 3 years. Waste types as specified in Table S2.2. [Note 1], [Note 2]
A3	Household, commercial, and industrial waste transfer with treatment R3: Recycling/reclamation of organic substances which are not used as solvents R5: Recycling/reclamation of other inorganic materials R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of waste into different components for recovery. No more than 500 tonnes a week of imported waste coded as 17 08 02 will be processed in to 19 12 12. Waste shall not be stored on site for longer than 3 years. Waste types as specified in Table S2.3. [Note 1], [Note 2]
A4	Transfer of waste with no treatment R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Secure storage of wastes listed in table S2.4. Waste shall not be stored on site for longer than 3 years. Individual wastes listed in table S2.4 must be stored separately. Waste types as specified in Table S2.4.
[Note 1] – For activities A1, A2 and A3, a combined total of no more than 10 tonnes per day of hazardous waste to be treated at the site. [Note 2] - For activities A1, A2 and A3, a combined total of no more than 50 tonnes of hazardous waste pending treatment will be stored at any one time.		

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Table S1.3A Pre-operational measures	
Reference	**Pre-operational measures**
PO1	Before the commencement of operations, the Operator shall ensure that the borehole (SE7 1NE3) on site is appropriately protected to ensure there can be no contamination of the groundwater from onsite activities. Evidence shall be provided to the Environment Agency for agreement in writing prior to waste acceptance on site.
PO2	Before the commencement of operations, the Operator shall provide a revised site plan showing the location of the mobile generator.

Table S1.3B Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
POFD1	The acceptance of liquid waste on site.	No liquid waste shall be accepted on site for storage or treatment until: • The site surface, including the surface within the process building has been repaired and confirmed to be impermeable; • The operator provides a report for the construction of the silos on site. The report requires evidence that the silos for storing liquid wastes and granular wastes are bunded correctly in order to contain 110% of the largest tank; and • The Environment Agency has agreed in writing that the storage and treatment of liquid waste can commence on site. • The operator has confirmed if there are any changes to the drainage of the site, and if so, a revised drainage plan(s) has been submitted and approved by the Environment Agency.
POFD2	The acceptance of solid waste on site.	No solid waste shall be accepted on site for storage or treatment until: • The site surface, including the surface within the process building has been repaired and confirmed to be impermeable; • The process building is in a fit state of repair and suitable for the treatment of wastes; • The Environment Agency has agreed in writing that the storage and treatment of solid waste can commence on site. • The operator has confirmed if there are any changes to the drainage of the site and if so a revised drainage plan(s) has been submitted and approved by the Environment Agency.
POFD3	The acceptance of combustible waste on site.	Prior to the acceptance of combustible waste on site the Operator shall submit to the Environment Agency: • The design, installation and maintenance of the in building detection and suppression system which will be covered by an appropriate UKAS accredited third party certification scheme or a demonstrable alternative third party accreditation or standard; • The automatic fire detection system for the outside storage areas has been installed and is operational; • A commissioning plan has been submitted to the Environment Agency that includes, but not limited to, confirmation that the above measures have been completed; • A revised Fire Prevention Plan incorporating the above points; and • The Environment Agency has agreed in writing that combustible waste storage and treatment can commence on site.
POFD4	The acceptance of waste code (as listed in Table S2.4)	The waste code 19 13 06 as listed in Table S2.4 shall not be accepted on site for storage until an appropriate outlet has been identified by the

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Table S1.3B Pre-operational measures for future development		
Reference	**Operation**	**Pre-operational measures**
		Operator. Evidence shall be provided to the Environment Agency for agreement in writing prior to the waste being accepted on site.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/GB3202XN/A001	Parts C2 and C3 of the application documents and all supporting information.	Duly Made 15/04/2019
Additional information	Response detailing clarification of the process to be carried out on site.	08/05/2019
Additional information	Email response detailing: • Confirmation of the site boundary • Confirmation that borehole SE71NE3 will be fully decommissioned prior to the site accepting wastes. • Submission of habitats regulatory assessment (Ref 27. Habitat Risk Assessment) and Natural England planning response (Ref27. Natural England). • Confirmation that only product lime will be used for sanitising and solidifying sludges • Confirmation that wastes coded as 10 01 01, 10 13 12* & 10 13 13 will be conditioned with water only.	28/05/2019
Response to Schedule 5 Notice dated 03/06/2019	Email response detailing: • Revised Site Plan • Detailed description of the site drainage. • Details surrounding the destination of recovered wastes. • Waste acceptance criteria for hazardous wastes accepted on site.	02/08/2019
Response to Schedule 5 Notice dated 20/09/2019	Email response detailing: • Clarification on how wastes coded as EWC 19 08 01 will be treated and stored to produce 19 08 02. • Clarification over the use of EWC 02 01 07 • Clarification of how wastes accepted as 17 08 02 will be processed to produce EWC 19 12 12 (Recycled gypsum from plasterboard) • Clarification of how wastes coded as 19 02 06 will be used for landfill restoration. • Risk assessment for the onsite diesel generator	11/10/2019
Response to Schedule 5 Notice dated 20/09/2019	Email response detailing: • Revised Fire Prevention Plan Ref 30/10/2019 • Revised Odour Management Plan Ref November 2019 • Revised List of Wastes dated 11/11/2019 excluding the last column	12/11/2019
Additional information received	Email response detailing: • Revised clean water plan 311019 • Revised dirty water plan 311019	21/11/2019
Additional information received	Email response detailing: • Removal of waste codes 20 03 06 & 20 03 99	28/07/2020

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Schedule 2 – Waste types

Table S2.1: Permitted waste types and quantities for physical or chemical treatment	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A1 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
06	**Wastes from inorganic chemical processes**
06 02	**wastes from the MFSU of bases**
06 02 01*	calcium hydroxide as a by-product from gas production only
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 06	dredging spoil other than those mentioned in 17 05 05
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 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 06	sludges from physico-chemical treatment other than those mentioned in 19 02 05 (sewage sludge only).
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	off-specification compost (sewage sludge only).
19 06	**wastes from anaerobic treatment of waste**
19 06 06	digestate from anaerobic treatment of animal and vegetable waste (sewage sludge only).
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification
19 13	**wastes from soil and groundwater remediation**
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 03	**other municipal wastes**
20 03 04	septic tank sludge

Table S2.2: Permitted waste types and quantities for the treatment of wastes by the conditioning with water only.	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A2 shall be less than 25,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) Limited to poultry littler ash, paper sludge ash and ash from wood chip boilers only
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 12*	solid wastes from gas treatment containing hazardous substances. Limited to cement kiln dusts and by-pass dust only
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12. Limited to cement kiln dusts and by-pass dust

Table S2.3 Permitted waste types and quantities for the Household, commercial, and industrial waste transfer station with treatment	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A3 shall be less than 30,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 02	chalk only
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	chalk only
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 03	plant-tissue waste
02 01 07	wastes from forestry
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 04	biodegradable materials unsuitable for consumption or processing only
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 05	**wastes from the dairy products industry**
02 05 01	biodegradable materials unsuitable for consumption or processing
02 06	**wastes from the baking and confectionery industry**

Table S2.3 Permitted waste types and quantities for the Household, commercial, and industrial waste transfer station with treatment	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A3 shall be less than 30,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
02 06 01	biodegradable materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork
03 01 05	untreated sawdust and wood shavings other than those mentioned in 03 01 04 only
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood, pulp from virgin timber
03 03 10	fibre rejects and sludges including mineral based fillers and coatings only
04	**Wastes from the leather, fur and textile industries**
04 02	**wastes from the textile industry**
04 02 21	wastes from unprocessed biodegradable textile fibres only
04 02 22	wastes from processed biodegradable textile fibres only
06	**Wastes from inorganic chemical processes**
06 02	**wastes from the MFSU of bases**
06 02 01*	calcium hydroxide as a by-product from gas production only
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	poultry litter ash, paper sludge ash and ash from wood chip boilers only
10 01 05	Flue gas gypsum (solid) only
10 01 07	Flue gas gypsum (sludge) only
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 04	wastes from calcination and hydration of lime
10 13 12*	cement kiln dusts and by-pass dust only
10 13 13	cement kiln dusts and by-pass dust other than those mentioned in 10 13 12 only
16	**Wastes not otherwise specified in the list**
16 03	**off-specification batches and unused products**
16 03 06	out of date and out of specification beverages only
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**

Table S2.3 Permitted waste types and quantities for the Household, commercial, and industrial waste transfer station with treatment	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A3 shall be less than 30,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	topsoil, peat, subsoil and stones only other than those mentioned in 170503
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 08	**gypsum-based construction material**
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
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 12	ash from the incineration of pig and poultry carcasses at premises used for agriculture only
19 01 18	biochar manufactured from untreated wood, bark, and cork from the furniture manufacturing and wood processing industries (including untreated sawdust, wood shavings, and wood cuttings, except from particle board).
19 01 18	biochar manufactured from untreated wood and plant matter from agriculture, horticulture and forestry, or from vegetable waste from food preparation and processing.
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	cement kiln dust and by-pass dust from cement kilns conditioned with water only
19 02 04*	cement kiln dust and by-pass dust from cement kilns conditioned with water only
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	compost from source segregated biodegradable waste only
19 05 03	compost from source segregated biodegradable waste and sludges from treatment of urban waste water only
19 05 03	compost derived from one or more non-source segregated biodegradable wastes
19 06	**wastes from anaerobic treatment of waste**
19 06 04	whole digestate and fibre digestate from anaerobic treatment of non-source segregated biodegradable waste only
19 06 06	whole digestate from anaerobic treatment of source segregated biodegradable waste and sludges from treatment of urban waste water only
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 12	soil substitutes (other than those containing dangerous substances) only
19 13	**wastes from soil and groundwater remediation**
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
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)**

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Table S2.3 Permitted waste types and quantities for the Household, commercial, and industrial waste transfer station with treatment	
Maximum quantity	**The total quantity of waste accepted at the site for the above activity A3 shall be less than 30,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
20 02 01	seaweed only
20 02 01	plant tissue waste from parks only
20 02 02	soil and stones

Table S2.4: Permitted waste types and quantities for the storage of wastes only pending recovery to land	
Maximum quantity	**The total quantity of waste accepted at the site for the above Activity A4 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 02	chalk only
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	chalk only
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	soils and sludges from the washing and cleaning fruit and vegetables only.
02 01 03	plant-tissue waste
02 01 06	farmyard manure and slurry, horse manure and soiled bedding made from plant tissue only
02 01 07	wastes from forestry
02 01 99	slurry, manure and soiled bedding from any premises (except abattoirs), soiled biodegradable bedding not made from plant tissue and soiled bedding desiccants only
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 01	sludges from washing and cleaning from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only
02 02 01	sludges from secondary food processing or the cook chill sector only
02 02 02	egg shells from hatcheries, processing plants and similar premises only
02 02 02	shellfish shells from which the soft tissue or flesh has been removed only
02 02 02	cooked shellfish shell which is not completely free of flesh
02 02 02	blood and gut contents from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only
02 02 04	sludges from on-site effluent treatment from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only
02 02 99	slurry, manure and soiled bedding from abattoirs including soiled biodegradable bedding not made from plant tissue and solid bedding desiccants only
02 02 99	Catering waste only

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Table S2.4: Permitted waste types and quantities for the storage of wastes only pending recovery to land	
Maximum quantity	**The total quantity of waste accepted at the site for the above Activity A4 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 01	sludges from secondary food processing or the cook chill sector
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation.
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	**wastes from the baking and confectionery industry**
02 06 01	biodegradable materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork
03 01 05	untreated sawdust and wood shavings other than those mentioned in 03 01 04 only
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood, pulp from virgin timber
03 03 05	de-inking sludges from paper recycling. Limited to de-inked paper sludge and de-inked paper pulp from paper recycling only
03 03 09	lime mud waste

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Table S2.4: Permitted waste types and quantities for the storage of wastes only pending recovery to land	
Maximum quantity	**The total quantity of waste accepted at the site for the above Activity A4 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
03 03 10	fibre rejects and sludges including mineral based fillers and coatings only
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**Wastes from the leather, fur and textile industries**
04 01	**wastes from the leather and fur industry**
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02	**wastes from the textile industry**
04 02 10	organic matter from natural products only
04 02 15	biodegradable wastes from finishing other than those containing organic solvents only
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed biodegradable textile fibres only
04 02 22	wastes from processed biodegradable textile fibres only
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	activated sludges from on-site oil refinery biological effluent treatment plants other than those mentioned in 05 01 09.
06	**Wastes from inorganic chemical processes**
06 02	**wastes from the MFSU of bases**
06 02 01*	calcium hydroxide as a by-product from gas production only
07	**Wastes from organic chemical processes**
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
07 07 12	sludges from on-site biological effluent treatment plant at chemical manufacturing sites other than those mentioned in 07 07 11 only
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	poultry litter ash, paper sludge ash and ash from wood chip boilers only
10 01 01	meat and bone meal ash
10 01 05	flue gas gypsum (solid) only
10 01 07	flue gas gypsum (sludge) only
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 04	wastes from calcination and hydration of lime
10 13 12*	cement kiln dusts and by-pass dust only
10 13 13	cement kiln dusts and by-pass dust other than those mentioned in 10 13 12 only
16	**Wastes not otherwise specified in the list**
16 03	**off-specification batches and unused products**
16 03 03*	gypsum only
16 03 04	gypsum only

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Table S2.4: Permitted waste types and quantities for the storage of wastes only pending recovery to land	
Maximum quantity	**The total quantity of waste accepted at the site for the above Activity A4 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
16 03 06	out of date and out of specification beverages only
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 02	milk from agricultural premises
16 10 02	untreated wash waters from cleaning fruit and vegetables on farm
16 10 02	untreated wash waters from washing and cleaning from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only.
16 10 02	wash waters from secondary food processing or the cook chill sector only
16 10 02	liquor from aerobic treatment of source segregated biodegradable waste only
16 10 02	washwaters from animal by-product handling and processing plants that meet the waste water treatment requirements in the ABPR (Animal By-Product Regulations)
16 10 02	washwaters from animal by product intermediate plants that meet the waste water treatment requirements in the ABPR
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	topsoil, peat, subsoil and stones only other than those mentioned in 17 05 03.
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 08	**gypsum-based construction material**
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
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 12	ash from the incineration of pig and poultry carcasses at premises used for agriculture only
19 01 18	biochar manufactured from untreated wood, bark and cork from the furniture manufacturing and wood processing industries (including untreated sawdust, wood shavings and wood cuttings, except from particle board), only
19 01 18	biochar manufactured from untreated wood and plant matter from agriculture, horticulture and forestry, or from vegetable waste from food preparation and processing
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	cement kiln dust and by-pass dust from cement klins conditioned with water only
19 02 04*	cement kiln dust and by-pass dust from cement kilns conditioned with water only
19 02 06	sludges from physico-chemical treatment other than those mentioned in 19 02 05 (sewage sludge only).
19 05	**wastes from aerobic treatment of solid wastes**
19 05 03	compost derived from source segregated biodegradable waste only
19 05 03	sewage sludge composted with biodegradable non-wastes only
19 05 03	compost from source segregated biodegradable waste and sludges from treatment of urban waste water only
19 05 03	compost derived from one or more non-source segregated biodegradable wastes

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Table S2.4: Permitted waste types and quantities for the storage of wastes only pending recovery to land	
Maximum quantity	**The total quantity of waste accepted at the site for the above Activity A4 shall be less than 75,000 tonnes a year.** **The total aggregated throughput of the site shall not exceed 100,000 tonnes per year.**
Waste code	**Description**
19 05 03	off-specification compost (sewage sludge only).
19 06	**wastes from anaerobic treatment of waste**
19 06 03	liquor from anaerobic treatment of non-source segregated biodegradable waste only
19 06 04	whole digestate and fibre digestate from anaerobic treatment of non-source segregated biodegradable waste only
19 06 05	liquor from anaerobic treatment of source segregated biodegradable waste only
19 06 06	whole digestate and fibre digestate from anaerobic treatment of source segregated biodegradable waste only
19 06 06	whole digestate and fibre digestate from anaerobic treatment of source segregated biodegradable waste and sludges from treatment of urban waste water only
19 06 06	digestate from anaerobic treatment of animal and vegetable waste (sewage sludge only).
19 06 06	digestate from the aerobic treatment of source segregated biodegradable waste
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 02	washed sewage grit only
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 12	soil substitutes other than those containing dangerous substances only
19 12 12	recycled gypsum from plasterboard only
19 13	**wastes from soil and groundwater remediation**
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
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 01	seaweed only
20 02 02	soil and stones

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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
A1 [Note 1]	Mobile generator	None	None	None	None	None
[Note 1] - Location of emission point to provided prior to operations commencing as per Pre-operational measure 2 (PO2)						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
W1 on site plan in schedule 7 emission to IBD Drain via on site pond	Clean surface rain water captured by site drainage system	Visible oil or grease	No visible oil or grease	N/A	None	Visual assessment

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Schedule 4 – Reporting

There is no reporting under this schedule.

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Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

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(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

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Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled “Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE).

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“controlled substances” means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unreacted feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“groundwater protection zones 1 and 2” have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

“Hazardous property” has the meaning in Annex lll of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

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“Industry Standard Protocol” means “A standardised protocol for the monitoring of bioaerosols at open composting facilities” published by the Association for Organics Recycling and developed in conjunction with the Environment Agency.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“pests” means birds, vermin and insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables S2.1, S2.2, S2.3, & S2.4, those tables, they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“PCBs” means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

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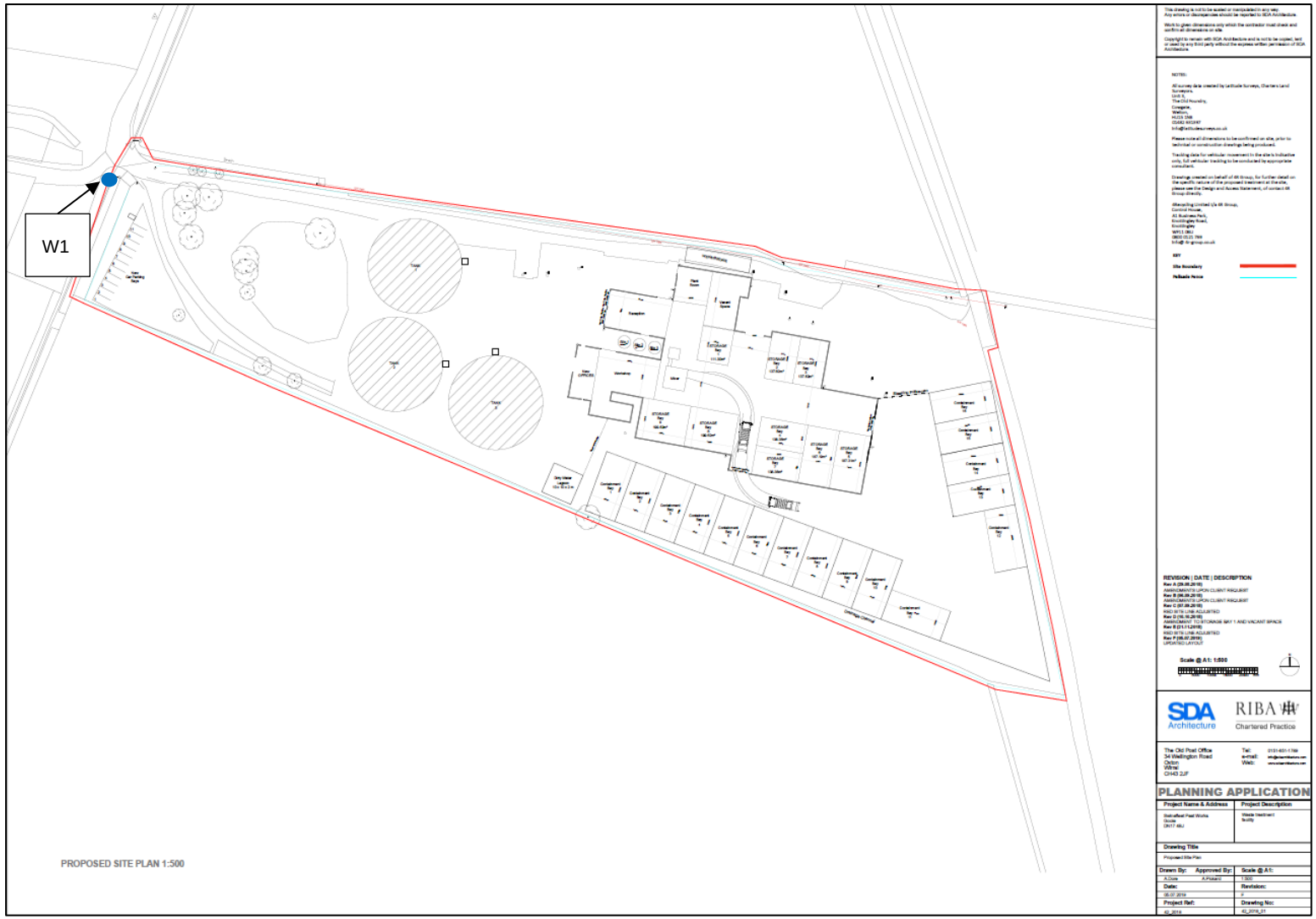
Schedule 7 – Site plan



END OF PERMIT