

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

ANSA Environmental Services Limited

Cledford Lane Environmental Hub
Cledford Lane
Middlewich
Cheshire
CW10 0JR

Variation application number

EPR/DP3435RJ/V004

Permit number

EPR/DP3435RJ

Cledford Lane Environmental Hub

Permit number EPR/DP3435RJ

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

Changes introduced by this variation notice:

This permit variation has been issued to implement the following guidance “Non-hazardous and inert waste: appropriate measures for permitted facilities” and to implement the relevant requirements Best Available Techniques (BAT) Conclusions set out in implementing decision (EU) 2018/1147 of 10 August 2018.

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision.

Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

The non-hazardous and inert waste: appropriate measures for permitted facilities guidance was published on the gov.uk website on 12 July 2021. This guidance sets out the standards that are relevant to regulated facilities with a permit to store, treat or transfer (or both) non-hazardous and inert wastes.

This variation has consolidated the original permit and subsequent variations.

Brief summary of the changes

ANSA Environmental Services Limited is the permit holder for Cledford Lane Environmental Hub site. The facility is located close to a number of residential receptors, the closest of which 90m to the northeast of the site. There are no statutory habitats designations within the relevant screening distance. There are 3 Local Wildlife Sites (LWS) nearby, one of which is across the road from the site - Cledford Lane Lime Beds. The western edge of the site is bordered with the Trent and Mersey canal.

The site is permitted to undertake installations and waste operation activities. The main installation activity is for the production of Refuse Derived Fuel (RDF). This activity is regulated under the Schedule 1, Part 2, Section 5.4 Part A(1) (b) (ii) of the Environmental Permitting (England and Wales) Regulations 2016 – Recovery or mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration. Other activities that are directly associated to the main installation activity are:

- Temporary storage of non-hazardous waste prior to pre-treatment of waste for incineration or co-incineration.
- Bulking of recyclable wastes recovered as an incidental part of the treatment processes.
- Storage of recovered RDF and recyclables pending removal from the site.
- Storage of raw materials (fuels).

- Collection and discharge of contaminated and uncontaminated waters.

The waste operation activity is limited to a Waste Transfer Station (WTS). This includes physical treatment by screening, crushing, baling, shredding for the purpose of recovery only.

Waste received under the RDF activity is accepted, stored and treated within WTS – RDF building. Under normal circumstances, the RDF building is used for RDF process whilst providing dedicated waste storage bays for green waste and co-mingled recyclables on a contingency basis during abnormal operating conditions.

Waste received under the Waste Operation activity is accepted, stored and treated within WTS – Recycling building. This building comprises of segregated bays to allow separate storage of co-mingled recyclates and green waste.

The permitted activities comprise of the reception and handling of household waste (green waste, recycling, black bin) within 2 buildings. Some wastes (mainly street cleaning and fly-tipped wastes - e.g., tyres, WEEE, green waste, batteries, gas cylinders, paints and chemicals) are stored outside in dedicated bays.

All waste storage areas benefit from an impermeable concrete surface with a sealed drainage system.

There are point source emissions of dust and odour to air from the biofilter odour abatement stacks located on each building, shown as A1 and A2 on the site plan. These vents are 1.5m above roof ridge height on the eastern side of the site, away from the closest receptors.

Clean water from the roof and the external areas not used for waste handling and storage activities (uncontaminated rainfall) is collected and directed to a storage tank which then connects to an existing drainage system via an interceptor before discharge through the existing canal overflow which ultimately drains to Sanderson's Brook.

No wastewater is generated from the treatment operations within the buildings. However, contaminated wastewater is generated within the external waste storage and handling areas – this is discharged to sewer via the emission monitoring point marked F7 on the site plan in Schedule 7 of this permit.

The installation and waste activities will be managed in accordance with an Environmental Management System (EMS). The EMS is not accredited externally but the summary detail is in line with the relevant guidance.

As part of this variation the error in the post code of the site was corrected. The post code was amended from CW10 0JW to CW10 0JR.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/DP3435RJ/A001	Duly made 23/11/15	Application for waste transfer station with RDF production.
Additional information received	22/01/16 26/01/16 18/02/16 02/03/16	Schedule 5 notice and follow up requests for information and FPP amendments, additional waste table.
Permit determined EPR/DP3435RJ (PAS Billing ref. DP3435RJ)	26/07/16	Permit granted to ANSA Environmental Services Limited.
Application for an administrative variation EPR/DP3435RJ/V002	Received 19/07/17	
Application EPR/DP3435RJ/V002	Returned	

Status log of the permit		
Description	Date	Comments
	11/08/17	
Notified of change of site post code and registered office address	14/11/17	Site post code changed to CW10 0JR and registered office address changed to Environmental Hub Cledford Lane, Middlewich, Cheshire, CW10 0JR.
Variation issued EPR/DP3435RJ/V003	23/11/17	Varied permit issued.
Environment Agency Non-hazardous Waste Sector Review Variation number EPR/DP3435RJ/V004 (variation and consolidation)	Duly made 06/04/22	Non-hazardous waste Sector Review - documents received in response to the Regulation 61 Notice dated 08/11/2021.
Additional information received in response to the Request for Further Information (RFI) dated 12/06/2023	30/06/23	Document titled ' <i>Response to Regulation 61 Final June 23</i> ', received in response to questions 1 to 11 of the RFI including appendices sent by email on the 16/08/2023.
	16/08/23	
Additional Information	20/09/23	Document received in response to the draft permit review including, the document titled 'Appendix IV EWC Codes' that provides information on new EWC codes to be added to the permit.
	07/11/23	Document received in response to the draft permit review including, the document titled '3.2 Environmental Risk Assessment 2023 V3 03.11.2023', 'Cledford Lane Permit Area incl External Storage (PT7) 03.11.23' and '4.2.3 Waste Storage Procedure 03.11.2023 V5'.
	10/11/23	Email and the updated version of the document titled '4.2.3 Waste Storage Procedure 03.11.2023 V5'.
Variation determined and consolidation issued EPR/DP3435RJ	13/11/23	Varied and consolidated permit issued in modern format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/DP3435RJ

Issued to

ANSA Environmental Services Limited (“the operator”)

whose registered office is

**Environmental Hub Cledford Lane
Ansa Environmental Services Limited
Middlewich
Cheshire
CW10 0JR**

company registration number 08714767

to operate a regulated facility at

**Cledford Lane Environmental Hub
Cledford Lane
Middlewich
Cheshire
CW10 0JR**

to the extent set out in the schedules.

The notice shall take effect from 13/11/2023.

Name	Date
Peter Maksymiw	13/11/2023

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions and tables have been deleted/varied/added as a result of the Environment Agency Initiated Variation:

- Conditions 2.1.1 – 2.1.5 of the previous variation have been deleted and replaced with Conditions 2.1.1 and 2.1.2 of this variation to reflect the wording of the Installation template.
- Conditions 2.3.1 and 2.3.2 of the previous variation have been deleted and replaced with Condition 2.3.1 of this variation to reflect the wording of the Installation template.
- Condition 2.3.8 of the previous variation has been deleted. The relevant restrictions have been incorporated to Table S1.1.
- Condition 2.4.1 of the previous variation has been deleted to reflect the fact that the site is now operational and that pre-operational conditions are no longer required.
- Conditions 2.4.1 and 2.4.2 have been added to implement the improvement programmes associated with this variation.
- Table S1.1 as referenced in Condition 2.1.1 has been amended to clearly define the activities that are undertaken at the site and to apply relevant limits to them. Activity AR4 and AR6 have been added newly to the table. The follow-on activity references have been renumbered.
- Table S1.1a of the previous variation has been deleted and incorporated into activity AR7 of Table S1.1.
- Table S1.2 as referenced in Conditions 2.3.1 and 2.3.2 has been amended to incorporate operating technique documents submitted in response to the Regulation 61 Notice and additional information received in response to the RFI.
- Table S1.3 as referenced in Condition 2.4.1 has been added to implement the improvement conditions IC1 – IC5.
- Tables S2.2 and S2.3 as referenced in Condition 2.3.4 have been amended by removing waste codes that are not appropriate to the permitted activities.
- Table S2.4 of the previous variation has been deleted together with the activity in Table S1.1.
- Table S3.1 as referenced in Conditions 3.1.1, 3.5.1 (a) and 3.5.4 has been amended to include monitoring of dust at the emission points A1 and A2, together with the BAT AEL.
- Table S3.2 as referenced in Conditions 3.1.1, 3.5.1 (a) and 3.5.4 has been amended to include reference to the appropriation emission monitoring point and monitoring of oil and grease.
- Table S3.3 as referenced in Conditions 3.1.1, 3.5.1 (a) and 3.5.4 has been amended to include the appropriate monitoring parameters and BAT AELs for emissions to sewer.
- Table S4.1 as referenced in Condition 4.2.3 has been amended by adding reporting requirements for the new channelled emission to air and sewer.
- Table S4.2 as referenced in Condition 4.2.2 (b) has been amended to include annual production/treatment reporting for Refuse Derived Fuel (RDF) produced, ferrous metal, non-ferrous metal and other fractions recovered.
- Tables S4.3 and S4.4 as referenced in Condition 4.2.2 (c) have been updated.
- Schedule 5 as referenced in Condition 4.3.2 has been amended by adding a new paragraph (c) to Part A requiring notification of breach of permit conditions not relating to limits.
- Schedule 6 as referenced in condition 4.4.1 has been amended by adding additional interpretations that are relevant to the changes that have been made as a result of this variation.
- Schedule 7 as referenced in Condition 2.2.1 has been amended by replacing the site plan with the one that shows the emission monitoring points.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DP3435RJ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DP3435RJ/V004 authorising,

ANSA Environmental Services Limited (“the operator”),

whose registered office is

**Environmental Hub Cledford Lane
Ansa Environmental Services Limited
Middlewich
Cheshire
CW10 0JR**

company registration number 10767029

to operate an installation and waste operations at

**Cledford Lane Environmental Hub
Cledford Lane
Middlewich
Cheshire
CW10 0JR**

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

Name	Date
Peter Maksymiw	13/11/2023

Authorised on behalf of the Environment Agency

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 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 – AR6), the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 – AR6), the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 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.

- 1.4.2 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”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR1 – AR6), waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green 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.
- 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 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

Hazardous waste storage and treatment

- 2.3.7 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.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

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 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

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.

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 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
 - (b) process monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 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.
- 3.6.2 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 from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.7 Fire prevention

- 3.7.1 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
- (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 For the following activities referenced in schedule 1, table S1.1 (AR1 – AR6), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production / treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 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 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,

- (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
- (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

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
- (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.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

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 “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.4 A1 (b)(ii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration or co-incineration.	R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic compounds	Receipt, storage and treatment including shredding, crushing, screening, and baling of specific waste material for use as Refuse Derived Fuel. Treatment shall be carried out in an enclosed building and on an impermeable surface with sealed drainage system. In the building designated WTS – RDF. Waste types as specified in table S2.2.
Directly Associated Activity			
AR2	N/A	Temporary storage of non-hazardous waste prior to pre-treatment of waste for incineration or co-incineration. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From the receipt of waste to its use in the treatment processes authorised under AR1. Storage capacity for incoming waste is limited to 1500 tonnes at any one time. Waste types as specified in table S2.2
AR3	N/A	Bulking of recyclable wastes recovered as an incidental part of the treatment processes authorised under AR1. R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic compounds	Bulking activities shall take place within an enclosed building on an impermeable surface with sealed drainage.
AR4	N/A	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Storage of recovered RDF and recyclables pending removal from the site. Storage of recovered RDF, recyclables, and residual waste generated from the RDF process shall take place in an enclosed building and on an

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			impermeable surface with sealed drainage. Storage capacity of recovered RDF, metals and fines is limited to 2000 tonnes at any one time.
AR5	N/A	Storage of raw materials (fuels).	From the receipt of raw materials to despatch for use within the facility.
AR6	N/A	Collection and discharge of uncontaminated roof and surface waters. Collection and discharge to sewer of contaminated surface waters collected from the external waste storage and handling areas.	From the collection of uncontaminated roof waters to discharge. From the collection of contaminated site surface waters to discharge off-site via sealed drainage system. There shall be no mixing of uncontaminated and contaminated waters.
Activity reference	Description of activities for waste operations		Limits of activities
AR7 - Waste Transfer Station (WTS)	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>		<p>Physical treatment including screening, crushing, baling, shredding for the purpose of recovery.</p> <p>Storage and treatment on an impermeable surface with sealed drainage system.</p> <p>There shall be no treatment of metal and WEEE waste in shredders at the site.</p> <p>Storage and treatment shall be within the building designated WTS – Recycling with the exception of green waste and street cleaning/fly-tipped wastes (e.g., tyres, WEEE, green waste, batteries, gas cylinders, paints and chemicals) which may be stored outside of the building.</p> <p>Storage of hazardous waste shall not exceed 50 tonnes at any one time.</p> <p>Hazardous waste shall not be stored longer than 6 months.</p> <p>Mixed municipal waste (20 03 01) and biodegradable waste (20 02 01) shall be stored for no longer than 48 hours.</p> <p>Storage capacity of waste under this activity is limited to 1500 tonnes at any one time.</p> <p><u>For batteries</u></p> <p>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		<p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or capped in acid proof containers to prevent leaks and short circuits.</p> <p>Nickel metal hydride (Ni-MH) batteries shall be stored in a way that will prevent them being damaged.</p> <p>Li-ion batteries from electric vehicles shall be stored separately from other batteries.</p> <p>Li-ion batteries shall be stored to prevent them from:</p> <ul style="list-style-type: none"> • coming into contact with any liquids • being damaged or shorting • being exposed to high temperatures <p><u>For asbestos</u></p> <ul style="list-style-type: none"> • Asbestos waste shall be double bagged and stored within clearly identified, segregated, secure, lockable bulk containers (for example skips) on an impermeable surface with sealed drainage system. • Asbestos waste shall not be transferred between different bulk containers. Bulk containers shall be locked when not being loaded and shall not be stacked. • Asbestos must not be stored loose or in bays. <p><u>For WEEE waste</u></p> <p>Other than WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only, there shall be no treatment of WEEE.</p> <p><u>WEEE</u></p> <ul style="list-style-type: none"> (a) shall be clearly identified and segregated. (b) shall be stored on an impermeable surface with a sealed drainage system. (c) items that may be reused as whole appliances, or that may have components recovered from them for reuse, must be stored under weatherproof covering to prevent the ingress of water. 	

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		<p>(d) spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.</p> <p>(e) small mixed WEEE shall not be compacted or compressed during storage and preparation for transport.</p> <p>(f) lamps shall be stored in lidded, rigid, leakproof and weatherproof containers. The containers must be designed and constructed so they do not distort or flex when being moved. Container lids must close fully without exerting pressure on the contents.</p> <p>(g) lamps shall be packed to minimise movement and the risk of breakage. Linear fluorescent tubes must be stored separately from other format bulbs.</p> <p>(h) Flat Panel Display equipment must be stored: <ul style="list-style-type: none"> ▪ under weatherproof covering; and ▪ in a way to minimise movement and prevent breakage such as in cages or stillages. </p> <p>(i) Cathode ray tube equipment must be stored in such a way to minimise movement and prevent breakage.</p> <p>Any other WEEE containing hazardous material or fluids shall be stored under weatherproof covering where this is necessary to prevent pollution of water.</p> <p>Waste types as specified in table S2.3.</p>	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/DP3435RJ/A001	Application form B3, section 3 Operating Techniques	Duly Made 23/11/15
Response to Schedule 5 Notice dated 11/01/16	<p>Odour Management Plan January 2016</p> <p>Operating Techniques January 2016;</p> <p>Sections 3.2, 3.3.2, 3.3.3, 3.3.4 and 5.2 apply to activities specified in table S1.1;</p> <p>Sections 3.2, 3.3.5 and 5.3 apply to activities specified in table S1.1a.</p> <p>Remaining sections apply to either set of activities.</p>	22/01/16
Additional information	Approved Fire Prevention Plan; Fire Action Plan.	01/03/2016

Table S1.2 Operating techniques		
Description	Parts	Date Received
Regulation 61 Notice Response EPR/BB3236AY/V004	Documents received in response to the Regulation 61 Notice: <ul style="list-style-type: none"> NHI Installations Reg 61 notice - Annex 1 tranche 2 29 March 22. Non-Technical Description. BAT 05B - 4.2.5 Waste Treatment Procedure - WTS-RD. BAT 05C - 4.2.4 Waste Treatment Procedure - WTS-Recycling. 	06/04/2022
Additional information received in response to the Request for Further Information (RFI) dated 12/06/2023	Response to the RFI titled 'Response to Regulation 61 Final June 23' excluding response to question 3 of the notice but including documents titled: <ul style="list-style-type: none"> 'Appendix XII Odour Control – Camfil Ltd_Commissioning Details RDF Building Plant'. 'Appendix XIV BAT 14A - Dust Management Procedure'. 	30/06/2023
		16/08/2023
Additional Information	Document received in response to the draft permit review including, the document titled 'Appendix IV EWC Codes' that provides information on new EWC codes to be added to the permit.	20/09/2023
	Document received in response to the draft permit review including, the document titled 'Cledford Lane Permit Area incl External Storage (PT7) 03.11.23' and	07/11/2023
	Document titled '4.2.3 Waste Storage Procedure 03.11.2023 V5'.	10/11/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall submit a Dust Management Plan (DMP) to the Environment Agency for approval.</p> <p>The plan shall include an assessment of the risk of dust pollution associated with the permitted site operations.</p> <p>The plan shall take into account the appropriate measures for dust control specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities guidance</u> and <u>Control and monitor emissions for your environmental permit</u>.</p> <p>Once the DMP is approved by the Environment Agency, the operator shall carry out site operations in accordance with the approved DMP.</p>	31/05/24
IC2	<p>The operator shall submit a revised Fire Prevention Plan to the Environment Agency for approval. The plan shall identify all potential sources of fire risk within the permitted area and include measures to prevent fires and minimise the risk of pollution from fires in accordance with the <u>Fire Prevention Plan guidance and template</u>.</p> <p>Once approved, the operator shall implement the Fire Prevention Plan in accordance with the Environment Agency's written approval.</p>	31/05/24
IC3	<p>The operator shall undertake 12 months sampling and monitoring programme for the contaminated surface water collected within the external storage area and at the emission point marked F7 in Schedule 7.</p>	31/12/24

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>The monitoring programme shall be undertaken in line with the standard and at the frequency specified in Table S3.3. The monitoring shall fully characterise the contaminated surface water and shall include, but not limited to, the parameters listed in Table S3.3.</p> <p>The sampling and monitoring programme shall be carried out in line with the standard and at the frequency in Table S3.3.</p>	
IC4	<p>Following the completion of IC3, the operator shall submit a completed H1 risk assessment and/or modelling report (where appropriate) to the Environment Agency for written approval.</p> <p>Based on the outcome of the H1 assessment and/or modelling, the operator shall provide in the report, an assessment on whether the wastewaters discharged to sewer from the site likely to have significant or adverse impact on the final receiving waters following treatment of the wastewater at the United Utilities Treatment Works.</p> <p>The H1 assessment and/or modelling shall take into consideration relevant environmental standards specified within the following our guidance for the substances analysed:</p> <ul style="list-style-type: none"> • Specific substances and priority hazardous substances – Surface water pollution risk for your environmental permit Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk). <p>Where the results of the H1 assessment and/or modelling indicate that significant/adverse impact is likely, the operator shall cease further discharge of wastewater to sewer and shall submit a proposal of additional measures to be implemented to prevent or minimise any significant/adverse impact on the receiving waters, along with timescales for implementation to the Environment Agency for written approval.</p>	3 months following the completion of with IC3.
IC5	<p>The operator shall implement/install any improvements and/or additional measures approved by the Environment Agency under IC4 and shall provide a written confirmation to the Environment Agency that the improvements and/or additional measures have been implemented/installed.</p>	6 months following the completion of with IC4 or at any other date agreed in writing with the Environment Agency.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuels	-

Table S2.2 Permitted waste types and quantities for RDF process – Activities ARI and AR2 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
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 04	waste plastics (except packaging)
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 02	wastes from preserving agents
02 03 04	materials unsuitable for consumption or processing
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
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	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	Wastes from the leather, fur and textile industries
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres

Table S2.2 Permitted waste types and quantities for RDF process – Activities ARI and AR2 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
07	Wastes from organic chemical processes
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 19	plastic
16 01 22	Discarded components not otherwise specified
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 02	wood, glass and plastic
17 02 01	wood
17 02 03	plastic
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 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 10	wastes from shredding of metal-containing wastes
19 10 06	other fractions other than those mentioned in 19 10 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard

Table S2.2 Permitted waste types and quantities for RDF process – Activities ARI and AR2 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
19 12 04	plastic and rubber
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 - residues from treatment of non-hazardous municipal / commercial waste e.g., from MRFs and production of SRF / RDF
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 10	clothes
20 01 11	textiles
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 02	garden and park wastes (including cemetery waste)
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 07	bulky waste

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 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 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 07

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
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
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 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 03	materials unsuitable for consumption or processing
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	materials unsuitable for consumption or processing
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	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionery industry
02 06 01	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	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	Wastes from the leather, fur and textile industries
04 01	wastes from the leather and fur industry
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
06	Wastes from inorganic chemical processes
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	calcium-based reaction wastes from titanium dioxide production
07	Wastes from organic chemical processes
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 03	wastes from aluminium thermal metallurgy

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 02	dross and skimmings from primary and secondary production
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 06	discarded moulds
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 products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 17	waste blasting material other than those mentioned in 12 01 16

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 20	glass
16 02	wastes from electrical and electronic equipment
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
16 03	off-specification batches and unused products
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
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 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
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 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 02	ferrous materials removed from bottom ash
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06

Table S2.3 Permitted waste types and quantities for WTS – Activity AR7 of Table S1.1.	
Maximum quantity	less than 100,000 tonnes per year
Waste code	Description
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
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 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste (green waste only)
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period ⁽¹⁾	Monitoring frequency ⁽²⁾	Monitoring standard or method
Points marked A1 and A2 on site plan in Schedule 7	Exhaust of dust filters	Dust	5 mg/m ³	Average over sample period	Once every six months	EN 13284-1

(1) Average value of three consecutive measurements of at least 30 minutes each.

(2) Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Point marked S10 on the site plan in Schedule 7	Uncontaminated site surface water drainage	Oil or grease	No visible oil or grease	--	Weekly	Visual assessment – no visible oil or grease

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency ⁽²⁾	Monitoring standard or method
Point marked F7 on the site plan in Schedule 7	Contaminated site surface water as detailed in activity AR6 in Table S1.1	Hydrocarbon oil index (HOI)	No limits	Instantaneous (spot sample)	Once every month	EN ISO 9377-2
		Arsenic (expressed as As) ⁽¹⁾				Various EN standards available (e.g., EN ISO 11885, EN ISO 17294-2, EN ISO 15586)
		Cadmium (expressed as Cd) ⁽¹⁾				
		Chromium (expressed as Cr) ⁽¹⁾				
		Copper (expressed as Cu) ⁽¹⁾				
		Lead (expressed as Pb) ⁽¹⁾				

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency ⁽²⁾	Monitoring standard or method
		Nickel (expressed as Ni) ⁽¹⁾				Various EN standards available (i.e., EN ISO 17852, EN ISO 12846)
		Zinc (expressed as Zn) ⁽¹⁾				
		Mercury (expressed as Hg) ⁽¹⁾				
<p>(1) The monitoring only applies when the substance concerned is identified as relevant in the wastewater inventory mentioned.</p> <p>(2) The monitoring frequency may be reduced if the downstream wastewater treatment plant abates the pollutants concerned.</p>						

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Biofilter at WTS – RDF building	Temperature	As required	Temperature probe	Biofilter shall be regularly checked and maintained to ensure appropriate temperature and moisture content.
Biofilter at WTS-Recycling building	Moisture	As required	None specified	
	Medium	As required	None specified	
WTS – RDF building & WTS-Recycling building & Outdoor storage area	Odour	Daily	Olfactory monitoring	Odour detection at the site boundary
Waste reception, handling and storage areas	Dust	Daily	visual assessment	dust detection at site boundary

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air Parameters as required by condition 3.5.1	A1 and A2	Every 12 months	1 January
Point source emissions to sewer Parameters as required by condition 3.5.1	F7	Every 12 months	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Waste processed	tonnes
Refuse Derived Fuel (RDF) produced	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Other fractions recovered	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Raw material usage	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	26/07/16
Point source emissions to sewer	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, XX/07/23
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	26/07/16
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	26/07/16
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	26/07/16
Waste returns	E-waste returns	--

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	

(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 breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) 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

Schedule 6 – Interpretation

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

“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.

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

“emissions to land” includes emissions to groundwater.

“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.

“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 limit.

“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.

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

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

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means Birds, Vermin and Insects.

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

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquids will run off the surface otherwise than via the system
- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

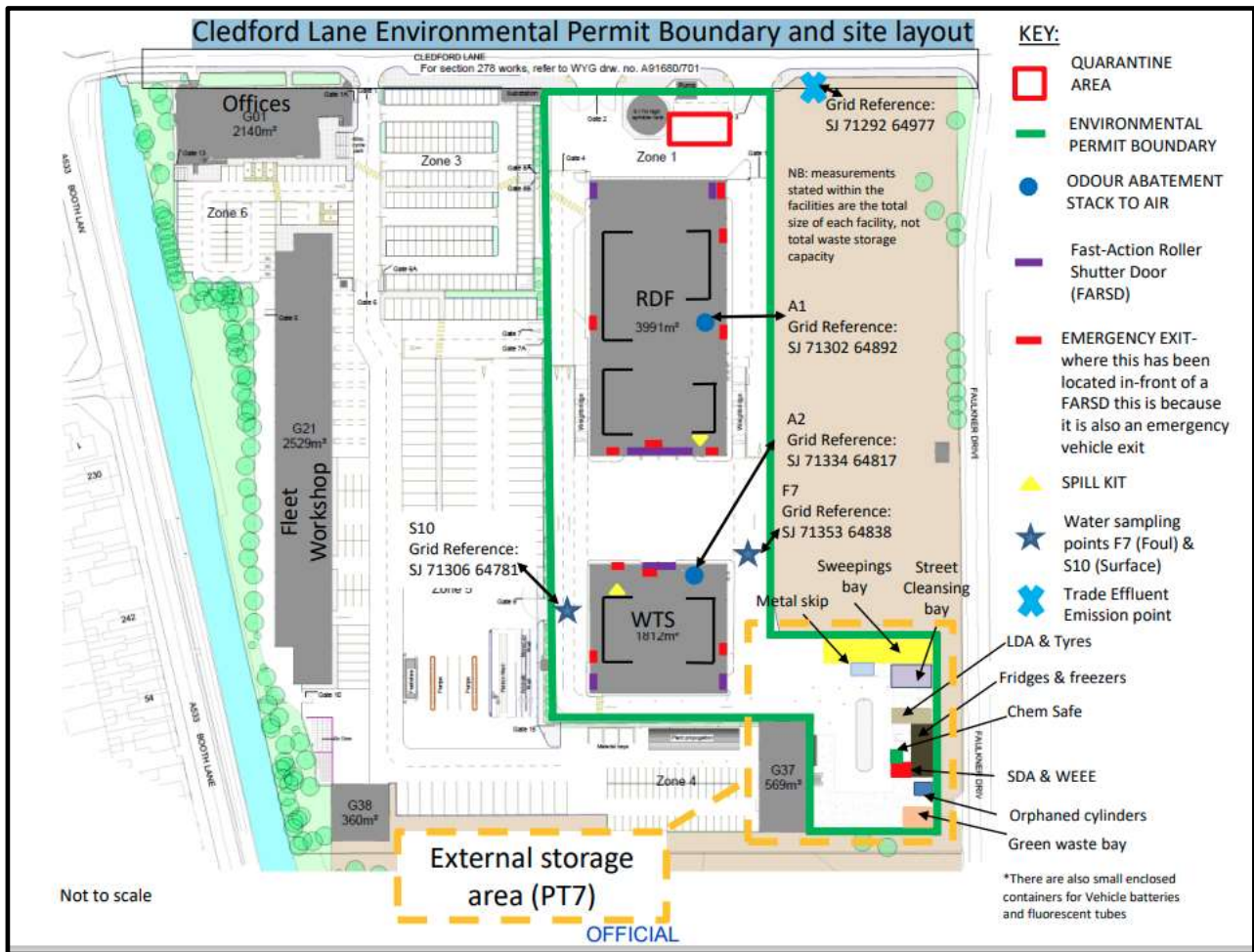
- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

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

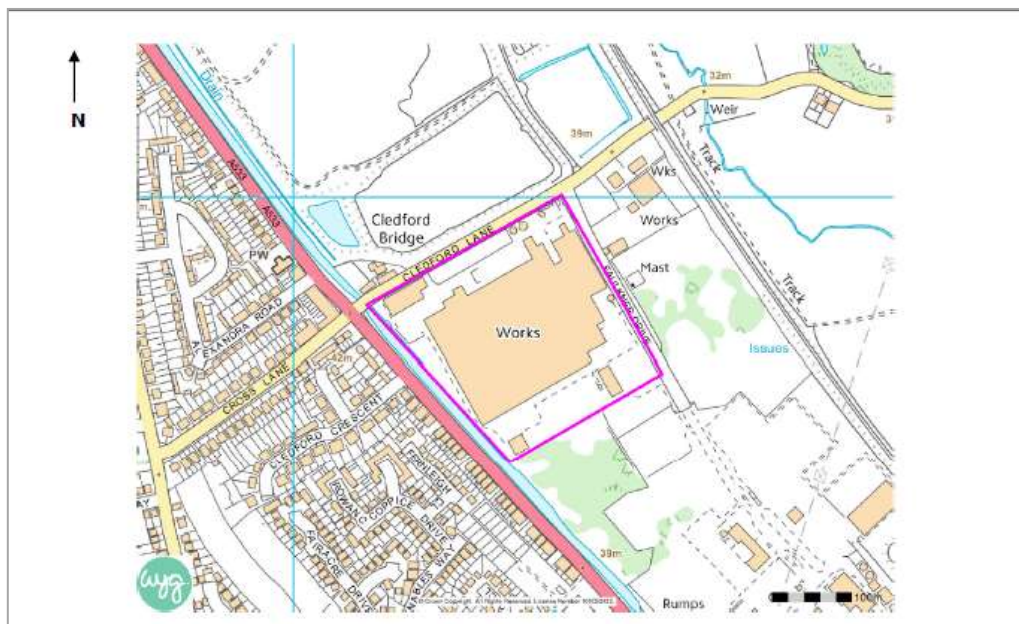
‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

‘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

Schedule 7 – Site plan



Location Plan



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END OF PERMIT