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Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Tradebe Gwent Limited

**Bridgend Waste Management Centre
Factory Lane
Pencoed
Bridgend
CF35 5BQ**

Permit number

EPR/NP3233XX

Bridgend Waste Management Centre

Permit number EPR/NP3233XX

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The installation has a single treatment process that involves the physico-chemical treatment with mixing and blending activities for hazardous wastes. Resulting effluent from the treatment process is disposed to sewer.

The installation also accepts non-hazardous leachate for disposal to sewer which depending upon the testing of its properties can be passed through the main treatment process. Sewage waste is also accepted and disposed of to sewer.

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 BM0893IC received	14/06/02	
Application Duly Made	20/06/02	Determination date of 20/10/02
1 st Schedule 4 notice issued to applicant	20/09/02	Given 28 days to respond (18/10/02)
Response to 1 st Schedule 4 received	18/10/02	New determination date of 18/11/02
2 nd Schedule 4 notice issued to applicant	11/12/02	Given 28 days to respond (07/01/03)
Response to 2 nd Schedule 4 notice received	18/12/02	Part response
Response to 2 nd Schedule 4 notice received	08/01/03	Full response
Financial Provision agreement dated	16/05/03	
Permit BM0893IC determined	19/05/03	
Schedule 3 changes	13/04/06	WSM1 forms updated
Regulation 16 change request	21/12/06	Company structure / personal changes
Regulation 16 change request	11/01/06	Not accepted – further information requested
Regulation 16 change further information received	February 2006	
Regulation 17 Variation WP3135MX	07/11/06	Extension of improvement programme
Transfer Application NP3233XX received	25/09/07	

Status log of the permit		
Description	Date	Comments
Transfer NP3233XX issued	23/11/07	
Company Name Change (Previously United Utilities (Gwent) Limited)	06/11/07	
Regulation 28 notice issued	03/12/07	Request to complete part B2.1 or part B form
Regulation 28 notice response received	January 2008	Response section B2.1 of part B form
Variation YP3734XU issued	04/04/08	Update of permit
Agency variation determined EPR/NP3233XX/V003	25/03/13	Agency variation to implement the changes introduced by IED
Variation application EPR/NP3233XX/V004	18/02/15	Application to change registered office address
Variation determined EPR/NP3233XX/V004	27/04/15	Varied permit issued
Regulation 61(1) Notice sent to the Operator	05/04/19	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for Waste Treatment.
Regulation 61(1) Notice response	30/09/19	Response received from the operator.
Additional information received	29/07/20	Additional information received such as details of the sites Environmental Management System and safe storage of wastes.
EPR/GP3298FY incorporated into the permit.	28/06/21	Consolidation and incorporation of Waste Management Licence into the permit and modern format.
Natural Resources Wales initiated variation determined EPR/NP3233XX/V005	28/06/21	Updated and consolidated permit issued to Tradebe Gwent Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/NP3233XX

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/NP3233XX/V005 authorising,

Tradebe Gwent Limited (“the operator”),
whose registered office is

**Atlas House
Third Avenue
Globe Park
Marlow
Buckinghamshire
SL7 1EY**

company registration number 00171493

to operate an installation at

**Bridgend Waste Management Centre
Factory Lane
Pencoed
Bridgend
CF35 5BQ**

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

Name

Date

Holly Noble	28/06/2021
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Authorised on behalf of Natural Resources Wales

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 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 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 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
 - (a) 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 Natural Resources Wales.
 - (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3, S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 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.

- 2.3.5 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.

2.4 Technical requirements

Hazardous waste storage and treatment

- 2.4.1 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.

2.5 Improvement programme

- 2.5.1 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 Natural Resources Wales.
- 2.5.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales 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 Where a substance is specified in schedule 3 table S3.2 or S3.3 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.
- 3.1.4 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.

- 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 Natural Resources Wales, 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.
- 3.3.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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;
- 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 Natural Resources Wales.

- 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, S3.3 unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, submit to Natural Resources Wales 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 Natural Resources Wales

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Natural Resources Wales 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

- (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately:
 - (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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 Natural Resources Wales 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
A1	S5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	D15: Storage pending physico-chemical treatment. D9: Physico-chemical treatment. R13: Storage of waste oil pending separation. R3: Phase separation including storage of wastes from separation.	Treatment consisting of screening, settlement, separation, pH adjustment, addition of coagulant and flocculant and blending with other recovered oils. Waste types in table S2.2 excluding wastes with the following properties: H1 Explosive / H3A (indents I to V) Highly flammable / H9 Infections / H12 contact with water or an acid liberates toxic or very toxic gases. EWC codes ending in 99 must be agreed in writing with Natural Resources Wales before being accepted at the site.
A2	S5.3 A(1)(a)(iii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing	D15: Storage pending blending. D13: Blending or mixing wastes. R13: Storage of waste oil pending separation. R3: Phase separation including storage of wastes from separation.	Treatment consisting of screening, settlement, separation, pH adjustment, addition of coagulant and flocculant and blending with other recovered oils. Waste types in table S2.2 excluding wastes with the following properties: H1 Explosive / H3A (indents I to V) Highly flammable / H9 Infections / H12 contact with water or an acid liberates toxic or very toxic gases. EWC codes ending in 99 must be agreed in writing with Natural Resources Wales before being accepted at the site.
A3	S5.4 A(1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment	D9: Physico-chemical treatment. D15: Storage of leachate	Treatment, blending and storage of non hazardous wastes, leachate and sewage wastes prior to discharge to sewer. Waste types in table S2.3
Directly Associated Activity			
A4	Discharge to foul sewer.	Discharge of treated effluents from the installation.	From treated effluent storage tanks to point of entry to sewer.

A5	Water discharge to controlled waters.	Discharge of clean surface water drainage from the installation.	From surface water drains to point of entry to controlled waters.
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Table S1.2 Operating techniques

Description	Parts	Date Received
Regulation 28 notice response	Response to Question B2.1 of the Part B application form excluding the response to Question B2.1.7 and the following parts of B2.1.9: part (iii) sampling of bulk liquid waste, drummed wastes and laboratory smalls; and Part (v) record.	January 2008
Response to regulation 61(1) Notice – request for information dated 05/04/2019 detailing how the Operator will comply with the BAT conclusions for Waste Treatment, under Directive 2010/75/EU of the European Parliament and of the Council	All relevant sections	30/09/2019
Additional information for regulation 61(1) Notice	All relevant sections	29/07/2020

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.1 of Sector Guidance Note S5.06, December 2004, to assess waste prior to acceptance on the site.	Completed
IC2	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.2 of Sector Guidance Note S5.06, December 2004, to cover: Sampling of bulk wastes, drummed wastes and laboratory smalls; and records.	Completed
IC3	The Operator shall provide and maintain monitoring of effluent flow to the MCERTS standard. A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Environment Agency.	Completed

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC4	Undertake an assessment of the impact on the water environment from current emissions of effluent to sewer. The operator shall use the methodology prescribed in the Agency's guidance 'Environmental Assessment and Appraisal of BAT' (Ref. IPPC H1) in making this assessment. The Operator shall identify substances present in the effluent that are considered significant, and submit proposed emission limit values for these substances in the form of a report. Flow rate must also be considered as part of this assessment. The report shall also include an effluent monitoring plan for any key substances identified and an action plan to reduce releases of those substances that are considered significant as part of the H1 Assessment. The Operator shall implement any improvements or measures identified. Once approved, the limits and parameters should supersede those prescribed in table S4.4 of the permit.	Completed
IC5	<p>The Operator shall submit to Natural Resources Wales for written approval information to evidence compliance with the following BAT requirements in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document (EU 2018) in relation to:</p> <ul style="list-style-type: none"> • BAT 1 – The Operator shall confirm that a Residues Management Plan, Accident Management Plan, Odour Management Plan and Noise & Vibration Management Plan have been finalised and are formal documents within the sites Environmental Management System. • BAT 3 – In order to facilitate the reduction of emissions to water and air, BAT is to establish and to maintain an inventory of waste water and waste gas streams, as part of the Environmental Management System, that incorporates all of the following features: <ul style="list-style-type: none"> ○ Information about the characteristics of the waste to be treated and the waste treatment processes; ○ information about the characteristics of the waste water streams; and ○ information about the characteristics of the waste gas streams. • BAT 8 – Monitoring of relevant emissions to air is to be reviewed once completion of the waste gas inventory has been undertaken (BAT 3). Upon completion of this review, the Operator will confirm that there remains no emission source to air in regard to BAT 53. • The Operator shall submit for written approval a methodology for monitoring the relevant process parameters listed in Schedule 3b Table S3.3. The methodology shall identify each of the relevant process parameters listed and identified in the waste water inventory (BAT 3) and detail the frequency and techniques in place to record the data (outlined in BAT 7 and BAT 20). Where a process parameter cannot be monitored justification should be provided and/or a suitable alternative proposed. The methodology should include trigger levels for each of the relevant parameters identified with associated procedures in place if trigger levels are exceeded. 	17 February 2022 or otherwise agreed in writing by Natural Resources Wales

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC6	The Operator shall complete and submit for approval a Phase 1 screening test report for priority hazardous pollutants and any other relevant priority hazardous substances discharged to sewer. For any substance which is not screened out by the screening tests, further modelling (as described in the risk assessment guidance "Surface water pollution risk assessment for your environmental permit") should be undertaken, and the results of the modelling submitted to Natural Resources Wales for approval.	17 February 2022 or otherwise agreed in writing by Natural Resources Wales

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

Raw materials and fuel description	Specification
Application	The response to question B2.2 given in sections (01/BWTC/04) of the application
Response to 2 nd Schedule 4 Notice art 1 dated 11/12/02	Response to attached schedule questions; Appendix 12 to document reference number 01/BTWC/03

Table S2.2 Permitted waste types and quantities (Activity Reference A1 and A2)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 03	Wastes from physical and chemical processing of metalliferous minerals
01 03 04*	Acid-generating tailings from processing of sulphide ore
01 05	Drilling muds and other drilling wastes
01 05 05*	Oil-containing drilling muds and wastes
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	Wastes from the textile industry
04 02 14*	Wastes from finishing containing organic solvents
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	Wastes from petroleum refining
05 01 02*	Desalter sludges
05 01 03*	Tank bottom sludges
05 01 04*	Acid alkyl sludges
05 01 06*	Oil spills
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 01	Wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	Sulphuric acid and sulphurous acid
06 01 02*	Hydrochloric acid
06 01 03*	Hydrofluoric acid
06 01 04*	Phosphoric and phosphorous acid
06 01 05*	Nitric acid and nitrous acid
06 01 06*	Other acids
06 02	Wastes from MFSU of bases
06 02 01*	Calcium hydroxide
06 02 03*	Ammonium hydroxide
06 02 04*	Sodium and potassium hydroxide
06 02 05*	Other bases
06 03	Wastes from the MFSU of salts and their solutions and metallic oxides

Table S2.2 Permitted waste types and quantities (Activity Reference A1 and A2)

Maximum quantity Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste.
No more than 778 cubic metres of waste shall be stored on the installation at any time.

Waste code	Description
06 03 15*	Metallic oxides containing heavy metals
06 04	Metal-containing wastes other than those mentioned in 06 03
06 04 05*	Wastes containing other heavy metals
06 07	Wastes from the MFSU of halogens and halogen chemical processes
06 07 04*	Solutions and acids, for example contact acid
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	Wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	Aqueous washing liquids and mother liquors
07 02	Wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	Aqueous washing liquids and mother liquors
07 03	Wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	Aqueous washing liquids and mother liquors
07 04	Wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	Aqueous washing liquids and mother liquors
07 05	Wastes from the MFSU of pharmaceuticals
07 05 01*	Aqueous washing liquids and mother liquors
07 06	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	Aqueous washing liquids and mother liquors
07 07	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	Aqueous washing liquids and mother liquors
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 21*	Waste paint or varnish remover
08 03	Wastes from MFSU of printing inks
08 03 19*	Disperse oil
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	Wastes from the photographic industry
09 01 01*	Water-based developer and activator solutions
09 01 02*	Water-based offset plate developer solutions
10	WASTES FROM THERMAL PROCESSES
10 01	Wastes from power stations and other combustion plants (except 19)
10 01 09*	Sulphuric acid
10 01 18*	Wastes from gas cleaning containing dangerous substances
10 01 20*	Sludges from on-installation effluent treatment containing dangerous substances
10 02	Wastes from the iron and steel industry
10 02 11*	Wastes from cooling-water treatment containing oil
10 03	Wastes from aluminium thermal metallurgy

Table S2.2 Permitted waste types and quantities (Activity Reference A1 and A2)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
10 03 27*	Wastes from cooling-water treatment containing oil
10 04	Wastes from lead thermal metallurgy
10 04 09*	Wastes from cooling-water treatment containing oil
10 05	Wastes from zinc thermal metallurgy
10 05 08*	Wastes from cooling-water treatment containing oil
10 06	Wastes from copper thermal metallurgy
10 06 09*	Wastes from cooling-water treatment containing oil
10 07	Wastes from silver, gold and platinum thermal metallurgy
10 07 07*	Wastes from cooling-water treatment containing oil
10 08	Wastes from other non-ferrous thermal metallurgy
10 08 19*	Wastes from cooling-water treatment containing oil
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY
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 05*	Pickling acids
11 01 06*	Acids not otherwise specified
11 01 07*	Pickling bases
11 01 08*	Phosphatising sludges
11 01 09*	Sludges and filter cakes containing dangerous substances
11 01 11*	Aqueous rinsing liquids containing dangerous substances
11 01 13*	Degreasing wastes containing dangerous substances
11 01 98*	Other wastes containing dangerous substances
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 06*	Mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	Mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	Machining emulsions and solutions containing halogens
12 01 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 01 12*	Spent waxes and fats
12 01 14*	Machining sludges containing dangerous substances
12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	Readily biodegradable machining oil
12 03	Wastes from water and steam degreasing processes (except 11)
12 03 01*	Aqueous washing liquids
12 03 02*	Steam degreasing wastes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	Waste hydraulic oils

Table S2.2 Permitted waste types and quantities (Activity Reference A1 and A2)

Maximum quantity Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste.

No more than 778 cubic metres of waste shall be stored on the installation at any time.

Waste code	Description
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
13 01 10*	Mineral based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 12*	Readily biodegradable hydraulic oils
13 01 13*	Other hydraulic oils
13 02	Waste engine, gear and lubricating oils
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 07*	Readily biodegradable engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03	Waste insulating and heat transmission oils
13 03 06*	Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	Mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	Synthetic insulating and heat transmission oils
13 03 09*	Readily biodegradable insulating and heat transmission oils
13 03 10*	Other insulating and heat transmission oils
13 04	Bilge oils
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
13 05	Oil/water separator contents
13 05 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges
13 05 06*	Oil from oil/water separators
13 05 07*	Oily water from oil/water separators
13 05 08*	Mixtures of wastes from grit chambers and oil/water separators
13 07	Wastes of liquid fuels
13 07 01*	Fuel oil and diesel
13 07 03*	Other fuels (including mixtures)
13 08	Oil wastes not otherwise specified
13 08 02*	Other emulsions
13 08 99*	Wastes not otherwise specified
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 14*	Antifreeze fluids containing dangerous substances
16 07	Wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	Wastes containing oil
16 07 09*	Wastes containing other dangerous substances
16 08	Spent catalysts

Table S2.2 Permitted waste types and quantities (Activity Reference A1 and A2)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
16 08 05*	Spent catalysts containing phosphoric acid
16 08 06*	Spent liquids used as catalysts
16 09	Oxidising substances
16 09 01*	Permanganates, for example potassium permanganate
16 09 02*	Chromates, for example potassium chromate, potassium or sodium dichromate
16 09 04*	Oxidising substances, not otherwise specified
16 10	Aqueous liquid wastes destined for off-site treatment
16 10 01*	Aqueous liquid wastes containing dangerous substances
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01	Wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 06*	Chemicals consisting of or containing dangerous substances
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 dechromation, decyanidation, neutralisation)
19 02 04*	Premixed wastes composed of at least one hazardous waste
19 02 05*	Sludges from physico/chemical treatment containing dangerous substances
19 02 07*	Oil and concentrates from separation
19 07	Landfill leachate
19 07 02*	Landfill leachate containing dangerous substances
19 08	Wastes from waste water treatment plants not otherwise specified
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11	Wastes from oil regeneration
19 11 02*	Acid tars
19 11 03*	Aqueous liquid wastes
19 11 04*	Wastes from cleaning of fuel with bases
19 11 05*	Sludges from on-site effluent treatment containing dangerous substances
19 11 07*	Wastes from flue-gas cleaning
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 26*	Oil and fat other than those mentioned in 20 01 25

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste.

No more than 778 cubic metres of waste shall be stored on the installation at any time.

Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
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 04	Wastes from physical and chemical processing of non-metalliferous minerals
01 04 11	Wastes from potash and rock salt processing other than those mentioned in 01 04 07
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 05	Drilling muds and other drilling wastes
01 05 04	Freshwater drilling muds and wastes
01 05 07	Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
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	Sludges from washing and cleaning
02 01 09	Agrochemical waste other than those mentioned in 02 01 08
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
02 02 02	Animal-tissue waste
02 02 03	Materials unsuitable for consumption or processing
02 02 04	Sludges from on-installation effluent treatment
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 washing, cleaning, peeling, centrifuging and separation
02 03 04	Materials unsuitable for consumption or processing
02 03 05	Sludges from on-installation effluent treatment
02 04	Wastes from sugar processing
02 04 03	Sludges from on-installation 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-installation effluent treatment
02 06	Wastes from bakery and confectionery industry
02 06 01	Materials unsuitable for consumption or processing
02 06 03	Sludges from on-installation 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 03	Wastes from chemical treatment

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste.

No more than 778 cubic metres of waste shall be stored on the installation at any time.

Waste code	Description
02 07 04	Materials unsuitable for consumption or processing
02 07 05	Sludges from on-installation effluent treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	Wastes from pulp, paper and cardboard production and processing
03 03 02	Green liquor sludge (from recovery of cooking liquor)
03 03 05	De-inking sludges from paper recycling
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
03 03 09	Lime mud waste
03 03 11	Sludges from on-installation 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 01	Fleshings and lime split wastes
04 01 02	Liming waste
04 01 04	Tanning liquor containing chromium
04 01 05	Tanning liquor free of chromium
04 01 06	Sludges, in particular from on-installation effluent treatment containing chromium
04 01 07	Sludges, in particular from on-installation effluent treatment free of chromium
04 01 09	Wastes from dressing and finishing
04 02	Wastes from the textile industry
04 02 15	Wastes from finishing other than those mentioned in 04 02 14
04 02 17	Dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	Sludges from on-installation effluent treatment other than those mentioned in 04 02 19
04 02 21	Wastes from unprocessed textile fibres
04 02 22	Wastes from processed textile fibres
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	Wastes from petroleum refining
05 01 10	Sludges from on-installation effluent treatment other than those mentioned in 05 01 09
05 01 13	Boiler feedwater sludges
05 01 14	Wastes from cooling columns
05 06	Wastes from the pyrolytic treatment of coal
05 06 04	Waste from cooling columns
05 06 99	Wastes not otherwise specified
05 07	Wastes from natural gas purification and transportation
05 07 02	Wastes containing sulphur
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 03	Wastes from the MFSU of salts and their solutions and metallic oxides
06 03 16	Metallic oxides other than those mentioned in 06 03 15
06 05	Sludges from on-installation effluent treatment

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
06 05 03	Sludges from on-installation effluent treatment other than those mentioned in 06 05 02
06 06	Wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 03	Wastes containing sulphides other than those mentioned in 06 06 02
06 09	Wastes from the MFSU 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 01	Wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	Sludges from on-installation effluent treatment other than those mentioned in 07 01 11
07 02	Wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	Sludges from on-installation effluent treatment other than those mentioned in 07 02 11
07 02 15	Wastes from additives other than those mentioned in 07 02 14
07 03	Wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	Sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	Wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 12	Sludges from on-installation effluent treatment other than those mentioned in 07 04 11
07 05	Wastes from the MFSU of pharmaceuticals
07 05 12	Sludges from on-installation effluent treatment other than those mentioned in 07 05 11
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 12	Waste paint and varnish other than those mentioned in 08 01 11
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	Wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	Wastes from MFSU of other coatings (including ceramic materials)
08 02 02	Aqueous sludges containing ceramic materials
08 02 03	Aqueous suspensions containing ceramic materials
08 03	Wastes from MFSU of printing inks
08 03 07	Aqueous sludges containing ink
08 03 08	Aqueous liquid waste containing ink

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste.

No more than 778 cubic metres of waste shall be stored on the installation at any time.

Waste code	Description
08 03 13	Waste ink other than those mentioned in 08 03 12
08 03 15	Ink sludges other than those mentioned in 08 03 14
08 04	Wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	Adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	Aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
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 21	Sludges from on-installation effluent treatment other than those mentioned in 10 01 20
10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 25	Wastes from fuel storage and preparation of coal-fired power plants
10 01 26	Wastes from cooling-water treatment
10 02	Wastes from the iron and steel industry
10 02 01	Wastes from the processing of slag
10 02 12	Wastes from cooling-water treatment other than those mentioned in 10 02 11
10 03	Wastes from aluminium thermal metallurgy
10 03 28	Wastes from cooling-water treatment other than those mentioned in 10 03 27
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 06	Wastes from copper thermal metallurgy
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 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 20	Wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	Wastes from casting of ferrous pieces
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 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 10	Waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
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 10	Sludges and filter cakes other than those mentioned in 11 01 09
11 01 12	Aqueous rinsing liquids other than those mentioned in 11 01 11
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
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 13	Welding wastes
12 01 15	Machining sludges other than those mentioned in 12 01 14
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 10	Aqueous liquid wastes destined for off-site treatment
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	Aqueous concentrates other than those mentioned in 16 10 03
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01	Wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 07	Chemicals other than those mentioned in 18 01 06
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 dechromation, decyanidation, neutralisation)
19 02 03	Premixed wastes composed only of non-hazardous wastes
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 06	Wastes from anaerobic treatment of waste
19 06 03	Liquor from anaerobic treatment of municipal waste
19 06 04	Digestate from anaerobic treatment of municipal waste
19 06 05	Liquor from anaerobic treatment of animal and vegetable waste
19 06 06	Digestate from anaerobic treatment of animal and vegetable waste
19 07	Landfill leachate
19 07 03	Landfill leachate other than those mentioned in 19 07 02
19 08	Wastes from waste water treatment plants not otherwise specified
19 08 09	Grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11

Table S2.3 Permitted waste types and quantities (Activity Reference A3)

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.
Waste code	Description
19 08 14	Sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
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 09 03	Sludges from decarbonation
19 11	Wastes from oil regeneration
19 11 06	Sludges from on-site effluent treatment other than those mentioned in 19 11 05
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
19 13 08	Aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
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 28	Paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	Detergents other than those mentioned in 20 01 29
20 03	Other municipal wastes
20 03 02	Waste from markets
20 03 03	Street-cleaning residues
20 03 04	Septic tank sludge
20 03 06	Waste from sewage cleaning

Schedule 3(a) – Emissions and monitoring effective until 16th August 2022

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
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There are no emission limits or associated monitoring requirements.

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 (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
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W1 discharge to controlled waters	Clean surface water from the installation's drainage.	There are no emission limits or associated monitoring requirements.
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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)	Monitoring frequency	Monitoring standard or method
S1 final effluent discharge point	Rainfall related uncontaminated installation run off and treated waste water	Daily Discharge	1,400 m³/day (700 m³/day Trade Effluent and 700 m³/day Septic Tank Waste)	Continuous¹	To be agreed with Natural Resources Wales
		Peak Flow Rate	10 l/s		
		pH	6-10 pH units	Spot sample per batch	
		Total Suspended Solids	1,700 mg/l		
		COD	No limit set		
		Temperature	43 °C		

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)	Monitoring frequency	Monitoring standard or method
		Oil & Grease	100 mg/l		
		Total Sulphate	1,000 mg/l		
		Total NH ₃ -N	500 mg/l		
		Total Chromium	2 mg/l		
		Total Copper	2 mg/l		
		Total Lead	2 mg/l		
		Total Nickel	2 mg/l		
		Total Zinc	2 mg/l		
		CN	2 mg/l		
		Total Sulphide	3 mg/l		
		Monohydric Phenols ²	100 mg/l		
		Manoxal OT	30 mg/l		

¹ Batches pumped to sewer. Discharge volume recorded by meter.

² Increase in Phenol concentration up to the maximum limit should not exceed 10 mg/l in any one day.

Table S3.4 Daily limits

Substance	Medium	Limit (including unit)
Monohydric Phenols ¹	Sewer	Daily increases of less than 7 kg/day

¹ Increase in Phenol loading shall not exceed 7 kg per day

Schedule 3(b) – Emissions and monitoring effective from 17th August 2022

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
There are no emission limits or associated monitoring requirements subject to confirmation with IC5.						

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 (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 discharge to controlled waters	Clean surface water from the installation's drainage.	There are no emission limits or associated monitoring requirements.				

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)	Monitoring frequency ^{1,2}	Monitoring standard or method
S1 final effluent discharge point	Rainfall related uncontaminated installation run off and treated waste water	Daily Discharge	1,400 m ³ /day (700 m ³ /day Trade Effluent and 700 m ³ /day Septic Tank Waste)	Continuous ³	
		Peak Flow Rate	10 l/s		
		pH	6-10 pH units	Once every day	
		Temperature	43 °C	Once every day	
		Adsorbable Organically Bound Halogen (AOX)	1 mg/l	Once every day	EN ISO 9562

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)	Monitoring frequency ^{1,2}	Monitoring standard or method
		Benzene, Toluene, Ethylbenzene, Xylene (BTEX)	No Limit	Once every month	EN ISO 15680
		Free Cyanide (CN ⁻)	0.1 mg/l	Once every day	Various EN Standards Available (e.g. EN ISO 14403 -1 and -2)
		Hydrocarbon Oil Index (HOI)	10 mg/l	Once every month	EN ISO 9377-2
		Arsenic (As)	0.1 mg/l	Once every day	Various EN Standards Available (e.g. EN ISO 11885, EN ISO 17294-2 and EN ISO 15586)
		Cadmium (Cd)	0.1 mg/l	Once every day	
		Chromium (Cr)	0.3 mg/l	Once every day	
		Copper (Cu)	0.5 mg/l	Once every day	
		Nickel (Ni)	1 mg/l	Once every day	
		Lead (Pb)	0.3 mg/l	Once every day	
		Zinc (Zn)	2 mg/l	Once every day	
		Hexavalent Chromium (Cr(VI))	0.1 mg/l	Once every day	Various EN Standards Available (e.g. EN ISO 10304-3 and EN ISO 23913)

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)	Monitoring frequency ^{1,2}	Monitoring standard or method
		Mercury (Hg)	10 µg/l	Once every day	Various EN Standards Available (e.g. EN ISO 17852 and EN ISO 12846)
		PFOA	No Limit	Once every six months	No EN Standard Available
		PFOS	No Limit	Once every six months	

¹ In the case of batch discharge less frequent than the minimum monitoring frequency, monitoring is carried out once per batch.

² In the case of an indirect discharge to a receiving water body, the monitoring frequency may be reduced if the downstream waste water treatment plant abates the pollutants identified.

³ Batches pumped to sewer, discharge volume recorded by meter.

Table S3.4 Daily limits

Substance	Medium	Limit (including unit)
Monohydric Phenols ¹	Sewer	Daily increases of less than 7 kg/day

¹ Increase in Phenol loading shall not exceed 7 kg per day

Schedule 4 (a) – Reporting effective until 16th August 2022

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
Emissions to sewer parameters as required by condition 3.5.1	S1	Every 6 months	30 June 2003

Table S4.2: Annual production/treatment

Parameter	Units
Treatment of hazardous waste	Tonnes
Treatment of non-hazardous waste	Tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	Tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	Tonnes

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	04/04/08
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	04/04/08
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	04/04/08

Schedule 4 (b) – Reporting effective from 17th August 2022

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
Emissions to sewer parameters as required by condition 3.5.1	S1	Every 6 months	17 August 2022

Table S4.2: Annual production/treatment

Parameter	Units
Treatment of hazardous waste	Tonnes
Treatment of non-hazardous waste	Tonnes

Table S4.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	Tonnes
Energy usage	Annually	MWh
Generation of reidsides	Annually	Tonnes
Generation of waste water	Annually	m ³
Total raw material used	Annually	Tonnes

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	17/08/22
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	04/04/08
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	04/04/08
Other performance indicators	Form Performance 1 or other form as agreed in writing by Natural Resources Wales	17/08/22
Waste Subject to Conditions 4.2.5	Waste tonnage return form from the Natural Resources Wales website or other form as agreed in writing by Natural Resources Wales	N/A

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	NP3233XX
Name of operator	Tradebe Gwent Limited
Location of Facility	Bridgend Waste Management Centre Factory Lane Pencoed Bridgend CF35 5BQ
Time and date of the detection	

(a)	
Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
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 permit condition	
To be notified within 24 hours of detection	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

Measures taken, or intended to be taken, to stop the emission	
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) In the event 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:	
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.

“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 Natural Resources Wales 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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.
- *“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 (BATRR) and Treatment of Waste Electrical and Electronic Equipment (WEEE).
- *“bioaerosol threshold limits”* means the maximum acceptable bioaerosol concentrations at the nearest sensitive receptor, or at an equivalent distance downwind of the composting operations, which are attributable to the composting operations. The maximum acceptable concentrations are respectively 1000 and 500 CFU m⁻³ for total bacteria and *Aspergillus fumigatus*.

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

“disposal” or *“D”* means any of the operations 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.

“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 or background concentration 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 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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“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*” or “*R*” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“*residue*” means the solid waste generated by the waste treatment activity and is not directly related to the type of waste treated in the plant

“*Solvent Emissions Directive*” means Directive 1999/13/EC (as amended by Directive 2004/42/EC) on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.

“*Waste code*” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) 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.

“*Waste Treatment BAT Conclusions*” means the BAT Conclusions for the Waste Treatment sector published as a Commission Implementing Decision EU 2018/1447 in the Official Journal of the EU on 17 August 2018

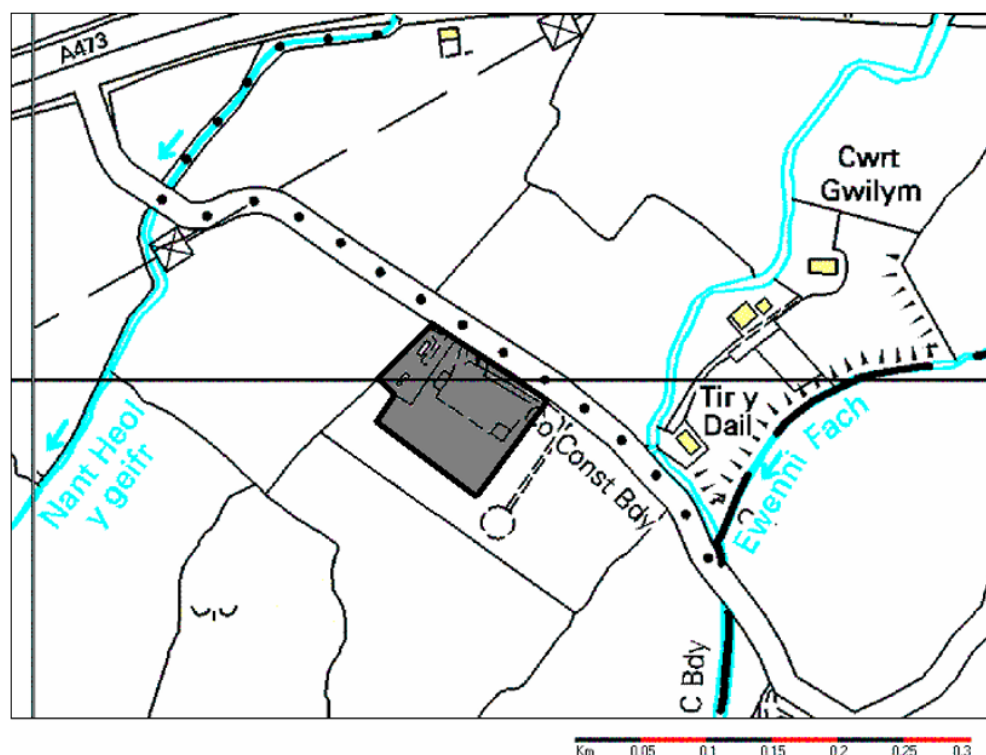
“*year*” means calendar year ending 31 December.

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:

- (a) 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
- (b) 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.

Schedule 7 - Site plan



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