

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

G.D. Environmental Services Limited

**East Bank Road Treatment Facility
Units 18A
East Bank Road
Felnex Industrial Estate
Newport
NP19 4PP**

Permit number

EPR/XP3833UB

East Bank Road Treatment Facility

Permit number EPR/XP3833UB

This introductory note does not form a part of the permit

The main features of the permit are as follows.

East Bank Road Treatment Facility is located on the Felnax Industrial Estate, near to the East bank of the River Usk, South of Newport city centre. The centre of the facility is located approximately at National Grid Reference ST 3252 8581. Access to the facility is from East Bank Road.

The facility carries out both waste storage and treatment operations:

- Storage, repackaging and bulking up of hazardous solid waste prior to its dispatch off-site for recovery or disposal.
- Storage, blending and treatment of hazardous liquid waste prior to its dispatch off-site for recovery or disposal.
- Storage, blending and dewatering of waste oil prior to its dispatch off-site for recovery or disposal.
- Storage, blending and biological treatment of non-hazardous waste prior to its dispatch off-site for recovery or disposal.

The treatment of waste oil consists of separation of oil from oil/water mixtures by gravity separation. The oil is subsequently transported to other facilities for re-refining or blending. The aqueous and solid fractions are then centrifuged, with the resultant cake being sent for further treatment elsewhere and the aqueous portion being discharged to sewer.

The permit also includes a Waste Operation. The waste operation includes the storage and treatment of street cleaning residues containing non-hazardous plant-based materials arising from road sweeper/gulley operations. The treatment process of street cleaning residues will be through a wash plant, to recover inert materials for use as recycled aggregate. The throughput capacity of the waste operation is up to 25,000 tonnes per annum.

The total throughput capacity for the entire site is 75,850 tonnes per annum.

The River Usk, a protected conservation site, is located 200 metres from the installation.

There is a single point-source emission to sewer but there are no emissions to water or land. There are emissions to air via tank vents from the liquid waste tanks; no emission limits have been set.

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

Status log of the permit

Description	Date	Comments
Application EPR/XP3833UB/A001	Duly made 31/01/2007	Application for oily water treatment facility and hazardous waste transfer station
Permit determined	04/01/2008	Permit issued to G.D. Environmental Services Limited
Application for variation received EPR/XP3833UB/V002	08/06/2009	Application for additional wastes to be permitted for treatment at the facility. Update of company registered address
Variation issued EPR/XP3833UB/V002	30/07/2009	Variation issued to G.D. Environmental Services Limited
Application for variation received EPR/XP3833UB/V003	12/12/2011	Application for administrative variation to permit additional wastes for treatment at the facility
Variation EPR/XP3833UB/V003 issued	03/07/2012	Variation issued to G.D. Environmental Services Limited
Agency initiated variation EPR/XP3833UB/V004	22/02/2012	EA initiated variation to introduce additional requirements and consolidate original permit and subsequent variations
Variation issued EPR/XP3833UB/V004	03/07/2012	Variation issued to G.D. Environmental Services Limited
Agency initiated variation issued ERP/XP3833UB/V005	21/03/2013	Agency initiated variation to implement the changes introduced by the Industrial Emissions Directive
Application for variation received ERP/XP3833UB/V006	06/02/2015	Administrative variation received to add a waste code and add a newly prescribed listed activity
Variation issued ERP/XP3833UB/V006	27/02/2015	Administrative variation issued for addition of new waste code only
Application for variation received ERP/XP3833UB/V007	03/06/2015	Application withdrawn
Application for variation received ERP/XP3833UB/V008	Duly made 21/03/2018	
Variation issued ERP/XP3833UB/V008	30/04/2018	Variation to add area of land and storage tank previously operated under permit EPR/ZP3630EB
Regulation 61(1) Notice sent to the Operator	05/04/2019	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	15/10/2019	Response received from the operator consisting of: <ul style="list-style-type: none">• BATc response document.

Status log of the permit

Description	Date	Comments
Additional information	13/11/2019	Further responses received from the operator consisting of: <ul style="list-style-type: none"> BATc response document.
	21/10/2020	Further responses received from the operator consisting of: <ul style="list-style-type: none"> BATc response document.
	02/11/2020	Consisting of: <ul style="list-style-type: none"> Environmental Risk Assessment- Felnex WW
	05/12/2020	Further responses received from the operator consisting of: <ul style="list-style-type: none"> Block diagram waste storage a Environmental Risk Assessment- Felnex WW Fugitive emissions V1_0 16_3_11 ww Odour Management Plan Version 1_1 14_3_11 (Final) ww OP-009 Liquid Waste Installation OP-010 Hazardous Waste Receiving Procedure OP-011 Asbestos Waste Receiving Procedure OP-024 GD MCERTS Management Manual
	11/12/2020	Further responses received from the operator consisting of: <ul style="list-style-type: none"> Block diagram waste storage a Environmental Risk Assessment- Felnex WW GD Environmental Newport MCERTS 300420 OP-009 Liquid Waste Installation OP-010 Hazardous Waste Receiving Procedure OP-011 Asbestos Waste Receiving Procedure.
	09/03/2021	Further responses received from the operator consisting of updated site plan.
NRW Initiated Variation determined EPR/XP3833UB/V009	11/03/2021	Updated and consolidated permit issued to G.D. Environmental Services Limited
Application for variation received ERP/XP3833UB/S010	16/02/2022	Removal of parcel of land from the permitted area under partial surrender Updated site boundary plan

Status log of the permit

Description	Date	Comments
Variation determined ERP/XP3833UB/S010	03/03/2022	Removal of land from the permitted area Consolidated permit issued
Application for variation received ERP/XP3833UB/V011	Duly Made 07/04/2022	Variation application to add waste operation to permitted activities
Additional information	30/06/2022	Response to Schedule 5 Notice received from the operator including updated Fire Prevention & Mitigation Plan; updated Site Layout Plan and clarifications on site drainage
Variation determined ERP/XP3833UB/V011	02/08/2022	Updated and consolidated permit issued
Application for variation received ERP/XP3833UB/V012	Duly Made 11/03/2024	Variation application to add waste codes to permit and update registered office address
Variation determined ERP/XP3833UB/V012	19/06/2024	Updated and consolidated permit issued to G.D. Environmental Services Limited

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/XP3833UB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/XP3833UB/V011 authorising,

G.D. Environmental Services Limited (“the operator”),

whose registered office is

4a Brecon Court

William Brown Close

Llantarnam Industrial Park

Cwmbran

NP44 3AB

company registration number **04704681**

to operate an installation and waste operation at

East Bank Road Treatment Facility

Units 18a

East Bank Road

Felnex Industrial Estate

Newport

NP19 4PP

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

Name	Date
Holly Noble	19/06/2024

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 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1, S2.2, S2.3, S2.4 or S2.5; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.3 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.

- 2.3.4 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 and S3.2.
- 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 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 Monitoring

- 3.3.1 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 table S3.2.
- 3.3.2 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.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.3.4 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 S3.2 unless otherwise agreed in writing by Natural Resources Wales.

3.4 Odour

- 3.4.1 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.
- 3.4.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to 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.

3.5 Noise and vibration

- 3.5.1 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.
- 3.5.2 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.

3.6 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.
- 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 3 table S3.1;

- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.3; 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.

4.3.7 Where the operator has entered into a climate change agreement with the Government, Natural Resources Wales shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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
A1	<p>S5.3 A(1)(a)(iii)</p> <p>Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day involving blending or mixing prior to submission to any of the other activities listed in this Section or in Section 5.1.</p>	<p>D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D13: Blending or mixing prior to submission to any of the operations numbered D1 to D12</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p><u>Hazardous solid waste</u></p> <p>Storage, repackaging and bulking up of hazardous solid waste prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6 and D9).</p> <p>Hazardous solid waste shall be stored in sealed skips.</p> <p>Waste types as specified in Table S2.1.</p> <p><u>Hazardous liquid waste</u></p> <p>Storage, blending and treatment of hazardous liquid waste prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6 and D9).</p> <p>Waste types as specified in Table S2.2.</p>

A2	<p>S5.3 A(1)(a)(ii)</p> <p>Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.</p>	<p>D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D13: Blending or mixing prior to submission to any of the operations numbered D1 to D12</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Storage, blending and dewatering of waste oil prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6, and D9).</p> <p>Waste types as specified in Table S2.3.</p>
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A3	<p>S5.4 A(1) (b) (i)</p> <p>Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving biological treatment</p>	<p>D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D13: Blending or mixing prior to submission to any of the operations numbered D1 to D12</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>Storage, blending and biological treatment (aeration) of non-hazardous waste prior to its dispatch off-site for recovery or disposal (R3, R13, D1, D6, and D9)</p> <p>Waste types as specified in Table S2.4.</p>
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Description of activities for waste operations		Limits of activities
A4	<p>R3: Recycling or reclamation of substances which are not used as solvents</p> <p>R5: Recycling or reclamation of other inorganic materials</p> <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>The maximum quantity of waste received at the site shall not exceed 100 tonnes per day.</p> <p>Treatment consisting of washing (physico-chemical) and manual separation (mobile plant) of non-hazardous waste into different components for recovery.</p> <p>All waste shall be stored and treated on an impermeable surface with sealed drainage system.</p> <p>The total storage capacity for non-hazardous wastes will be 60 tonnes.</p> <p>Waste types as specified in Table S2.5.</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
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	Regulation 61(1) response to NRW Request for Information	15/10/2019
Response to regulation 61(1) Notice – request for information dated 09/09/2020	Reg 61(1) response - further info 05.10.20	21/10/2020
Response to regulation 61(1) Notice – request for information dated 26/10/2020	<ul style="list-style-type: none"> - Fugitive emissions V1_0 16__3_11 ww - OP-024 GD MCERTS Management Manual 	05/12/2020
Additional information for regulation 61(1) Notice	<ul style="list-style-type: none"> - Block diagram waste storage a - Environmental Risk Assessment-Felnex WW - OP-009 Liquid Waste Installation - OP-010 Hazardous Waste Receiving Procedure - OP-011 Asbestos Waste Receiving Procedure 	11/12/2020
Variation Application EPR/XP3833UB/V010	Variation Application EPR/XP3833UB/V010 Supporting Operational Documents as follows: <ul style="list-style-type: none"> • East Bank Permit App Nov 2021 • East Bank Rd Supporting Information 2204/SupInfo/Feb22 amends Vs 2 • 	01/11/2021 17/03/2022
Response to Schedule 5 Notice – request for information dated 09/06/2022	Additional information provided as follows: <ul style="list-style-type: none"> • East Bank Liquid Fire Prevention & Mitigation Plan (FPMP) Vs 1 1 June 2022 • WW01 01 with drainage layout June 2022 	30/06/2022
Variation Application EPR/XP3833UB/V012	Variation Application EPR/XP3833UB/V012 Supporting Operational Documents as follows: <ul style="list-style-type: none"> • GD Env_Waste Acceptance Procedures_20230929 • EMS Summary V3 March 24 • Updated Site Layout Plan - 23-10-GDENV-XP3833UB-001_4 	23/02/2024 08/03/2024

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	The Operator shall undertake a waste minimisation audit in accordance with Section 2.4.2 of Sector Guidance Note IPPC S5.06, dated December 2004. The audit shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/04/08 COMPLETED
IC2	The Operator shall undertake a water efficiency audit in accordance with Section 2.4.3 of Sector Guidance Note IPPC S5.06, dated December 2004. The audit shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/05/2008 COMPLETED
IC3	The Operator shall ensure that a maintenance and inspection programme of impervious surfaces and containment kerbs is established in accordance with Section 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004.	01/05/2008 COMPLETED
IC4	The Operator shall review pipe work locking systems so as to prevent material being offloaded into the tanks belonging to the other operator of the installation. The review shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/05/2008 COMPLETED
IC5	The Operator shall ensure that a review of the design, method of construction and integrity of all bunds and adjoining pipework surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds and adjoining pipework against the standards set out in Section 2.2.5 of Sector Guidance Note IPPC S5.06 dated December 2004, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of < 25 m ³ (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m ³ (ISBN: 0 86017 476X). The review shall include: <ul style="list-style-type: none"> • the physical condition of the bunds, • their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, • any work required to ensure compliance with the standards set out in CIRIA Reports • 163 and 164 for reinforced concrete or masonry bunds, and • suggested preventative maintenance & inspection regime, A written report of the review shall be submitted to the Agency detailing the review's findings and recommendations. Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.	01/05/2008 COMPLETED 01/11/2008 COMPLETED
IC6	The Operator shall ensure that a review of the integrity of the reception pit, dig out pit, all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004 be carried out by a qualified structural engineer.	01/05/2008 COMPLETED

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
	The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Agency detailing the reviews findings and recommendations. Remedial action shall be taken to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.	01/11/2008 COMPLETED
IC7	The Operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater. The review shall include: <ul style="list-style-type: none"> • consideration of the principles set out in PPG 18 – Managing Fire-water and major spillages. • Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Agency. The report shall include timescales for the Operator to implement the improvements.</p>	01/05/2008 COMPLETED
IC8	The Operator shall develop a written Accident Management Plan, which shall include the likelihood and consequence of accidents, actions to prevent accidents and mitigation of consequences. The procedure shall take account of the principles specified in Section 2.8 of Sector Guidance Note IPPC S5.06, dated December 2004.	01/06/2008 COMPLETED
IC9	The Operator shall consider the subsurface structures present at the site in relation to their potential to cause fugitive emissions to surface and ground water. The assessment will take into account the requirements of Section 2.2.5 of Sector Guidance Note IPPC S5.06, dated December 2004. A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be submitted to the Agency for approval in writing. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the report.	01/08/2008 COMPLETED
IC10	The Operator shall undertake an assessment of the efficiency of the treatment process for oil sludges in accordance with Section 2.1.4 of Sector Guidance Note IPPC S5.06, dated December 2004. This assessment should identify the amount of removal or partition of substances within the process The report shall be submitted to the Agency in writing with a timetable of improvements to be undertaken.	01/08/2008 COMPLETED
IC11	A written report considering discharges to sewer shall be submitted to the Agency for approval. The report shall include, but need not be restricted to: <ul style="list-style-type: none"> • Summary of the events that could cause a release which could adversely affect the sewage treatment works and what actions (e.g. holding tanks, monitoring, batch release etc.) and actions that should be taken to prevent this; • An assessment of the impact of discharges to sewer using H1 methodology • Any improvements identified, where appropriate the report shall contain different dates for implementing different measures. 	01/10/2008 COMPLETED

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC12	The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of Sector Guidance Note IPPC S5.06, dated December 2004. Upon completion of the plan, a summary shall be submitted to the Agency in writing.	01/11/2008 COMPLETED
IPC13 (A001)	The Operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard. A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Agency.	01/02/2009 DELETED 30/07/2009
IPC13 (V004)	The Operator shall: (a) Undertake a written evaluation of the effectiveness of the treatment processes currently available at the Facility to treat the hazardous liquid wastes listed in Schedule 2 Table S2.2 and the non-hazardous wastes listed in Schedule 2 Table S2.4 of this permit. This evaluation shall be submitted to the Environment Agency for approval. Should the approved evaluation find that the available processes provide ineffective treatment for any of the listed wastes then the Operator shall ensure that the written evaluation includes either: (i) written proposals for changes to the treatment processes available at the Facility such that the wastes in question may be effectively treated. The proposals shall specify the date by which such changes will be implemented, and the date shall be fully justified; or	(a) 31/12/12 (b) in accordance with the written approval of the Environment Agency. COMPLETED 21/05/2013
<i>IPC13 (V004) continued</i>	(ii) written proposals for ending the acceptance of wastes for which no effective treatment is available at the Facility. The proposals shall specify the date by which each waste will no longer be accepted, and each date shall be fully justified. (b) Implement the proposals set out in the written evaluation in accordance with the written approval of the Environment Agency.	
IPC14	The Operator shall: (a) Submit to the Environment Agency for approval written waste pre-acceptance and acceptance procedures which accord with the requirements of Sections 2.1.1 and 2.1.2 of Environment Agency Sector Guidance Note IPPC S5.06 – Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste. The Operator shall include a proposed date for the implementation of these procedures and the date shall be fully justified; (b) Implement the waste pre-acceptance and acceptance procedures in accordance with the written approval of the Environment Agency.	(a) 03/10/12 (b) in accordance with the written approval of the Environment Agency COMPLETED 13/11/2012

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC15	<p>The Operator shall:</p> <p>(a) Submit to the Environment Agency for approval written proposals for the full characterisation and monitoring of the discharge to sewer made from emission point S1. The proposals shall:</p> <ul style="list-style-type: none">• identify the likely constituents of the discharge based on full characterisation of all potential incoming wastes;• specify arrangements for the monitoring of all identified potential constituents of the discharge, including:<ul style="list-style-type: none">○ the substances/parameters to be monitored and their respective units of measurement;○ the reference period applicable for each substance/parameter measurement;○ the frequency of sampling and analysis;○ the methods and techniques to be employed for sampling and analysis, including any relevant monitoring standards/methods;• specify arrangements for the reporting of monitoring data;• specify a date by which the proposed characterisation and monitoring shall be implemented and this date shall be fully justified; <p>(b) Implement the proposals in accordance with the written approval of the Environment Agency.</p>	<p>(a) 03/10/12 (b) in accordance with the written approval of the Environment Agency</p> <p>COMPLETED 20/05/2013</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC16	<p>BAT 3. Establish and to maintain an inventory of waste water and waste gas streams to facilitate the reduction of emissions to water and air</p> <p>The operator shall submit to Natural Resources Wales information in order to evidence compliance with BAT 3 that incorporates all of the following features in accordance with requirements specified within BAT Conclusion of the Waste Treatment BREF Document (EU 2018):</p> <p>(i) information about the characteristics of the waste to be treated and the waste treatment processes, including:</p> <p>(a) simplified process flow sheets that show the origin of the emissions;</p> <p>(b) descriptions of process-integrated techniques and waste water/waste gas treatment at source including their performances.</p> <p>(ii) information about the characteristics of the waste water streams, such as:</p> <p>(a) average values and variability of flow, pH, temperature, and conductivity;</p> <p>(b) average concentration and load values of relevant substances and their variability (e.g. COD/TOC, nitrogen species, phosphorus, metals, priority substances/micropollutants);</p> <p>(c) data on bioeliminability (e.g. BOD, BOD to COD ratio, Zahn-Wellens test, biological inhibition potential (e.g. inhibition of activated sludge)) (see BAT 52).</p> <p>Information resulting from this improvement condition will be used to assess the relevance of the BAT AELs and monitoring requirements as set in Schedule 3 and 4 of this permit.</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>
IPC17	<p>BAT 7. Monitor emissions to water</p> <p>The operator shall submit to Natural Resources Wales a written procedure(s) in accordance with requirements specified within BAT Conclusions of the Waste Treatment BREF Document (EU 2018) in relation to:</p> <p>BAT is to monitor emissions to water with at least the frequency given within table for the relevant treatment type (Treatment of water-based liquid waste), and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality, taking into account the table footnotes.</p> <p>Information resulting from this improvement condition will be used to assess the relevance of the BAT AELs and monitoring requirements as set in Schedule 3 and 4 of this permit.</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC18	<p>BAT 19 Optimise water consumption, reduce waste water generation and prevent/reduce emissions to soil and water</p> <p>The operator shall submit to Natural Resources Wales information in order to evidence compliance with BAT 19 requiring the use of one or a combination of techniques in accordance with requirements specified within BAT Conclusion of the Waste Treatment BREF Document (EU 2018):</p> <p>c) impermeable surface (information on how the site complies with CIRIA 736 or an equivalent engineering standard to which the surface complies together with sign off from construction by a Certified Quality Auditor)</p> <p>e) Roofing of waste storage and treatment areas</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>
IPC19	<p>BAT 20 Reduce emissions to water</p> <p>The operator shall submit to Natural Resources Wales a written procedure(s) in accordance with requirements specified within BAT Conclusions of the Waste Treatment BREF Document (EU 2018) in relation to:</p> <p>BAT 20 - In order to reduce emissions to water, BAT is to treat waste water using an appropriate combination of the techniques described within BAT 20 Table. BAT 20 applies to all sites that treat waste waters on site to reduce emissions prior to discharge. BAT-associated emission levels (BAT-AELs) for indirect discharges to a receiving water body should comply with Table 6.2 of BAT 20.</p> <p>Information resulting from this improvement condition will be used to assess the relevance of the BAT AELs and monitoring requirements as set in Schedules 3 and 4 of this permit.</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>
IPC20	<p>BAT 23 Use energy efficiently.</p> <p>The operator shall submit to Natural Resources Wales information in order to evidence compliance with BAT 23 requiring the use both of the following techniques in accordance with requirements specified within BAT Conclusion of the Waste Treatment BREF Document (EU 2018):</p> <p>a. Energy efficiency plan b. Energy balance record</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC21	<p>BAT 24 Reuse of Packaging</p> <p>The operator shall submit to Natural Resources Wales a Residues Management Plan in order to evidence compliance with BAT 24 (see also BAT 1 XII) in accordance with requirements specified within BAT Conclusion of the Waste Treatment BREF Document (EU 2018).</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>
IPC22	<p>BAT 52 Improve overall environmental performance by monitoring the waste input as part of the waste pre-acceptance and acceptance procedures.</p> <p>The operator shall submit to Natural Resources Wales information in order to evidence compliance with BAT 52 (see also BAT 2) by monitoring the waste input of:</p> <ul style="list-style-type: none"> • Bioeliminability e.g. BOD, BOD-COD ratio, Zahn-Wellens test, biological inhibition potential • Feasibility of emulsion breaking e.g. lab testing <p>in accordance with requirements specified within BAT Conclusion of the Waste Treatment BREF Document (EU 2018).</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC23	<p>For all discharges to surface waters and/or sewer from the site, you must provide information for priority hazardous substances and any other relevant substances. The emissions monitoring for these substances should be carried out using the methods and standards described in the M18 guidance on “Monitoring of discharges to water and sewer”.</p> <p>With reference to the risk assessment guidance on the gov.uk website entitled “Surface water pollution risk assessment for your environmental permit” (accessible via this link: https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit) carry out the following assessments:</p> <ul style="list-style-type: none"> • Screening tests for priority hazardous pollutants and any other relevant priority hazardous substances. • For any substance which is not screened out by the screening tests you will need to carry out modelling, as described in the risk assessment guidance “Surface water pollution risk assessment for your environmental permit”. <p>You must provide us with the results from the emissions monitoring, the results from the screening tests and the results from any modelling.</p> <p>You can use the H1 electronic screening tool to present the emissions data and to carry out the screening tests. We will provide a copy of the tool to your local representative at the site address.</p> <p>With regard to the screening a full list of relevant substances is provided on the “Surface water pollution risk assessment for your environmental permit” pages of the gov.uk website. You should review the list and carry out the screening for any hazardous pollutants</p> <p>Information resulting from this improvement condition will be used to assess the relevance of the BAT AELs and monitoring requirements as set in Schedules 3 and 4 of this permit.</p>	<p>17th February 2022 or otherwise agreed in writing with Natural Resources Wales</p> <p>COMPLETED 11/12/2023 (CAR No. NRW0042984)</p>

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for hazardous solid waste for storage in sealed skips

Maximum quantity	Maximum quantity permitted for storage at any time- 100 tonnes The total maximum quantity of hazardous solid waste, as defined in this table, is 2,000 tonnes per annum.
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 07*	other wastes containing hazardous substances from physical and chemical processing of metalliferous minerals
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	wastes containing hazardous substances from physical and chemical processing of non-metalliferous minerals
01 05	drilling muds and other drilling wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
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 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances
03 02	wastes from wood preservation
03 02 05*	other wood preservatives containing hazardous substances
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 02	wastes from the textile industry
04 02 14*	wastes from finishing containing organic solvents
04 02 16*	dye-stuffs and pigments containing hazardous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 15*	spent filter clays
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 04*	wastes from asbestos processing
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 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 03	wastes from MFSU of printing inks
08 03 17*	waste printing toner containing hazardous substances
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 04*	oil fly ash and boiler dust

10 01 13*	fly ash from emulsified hydrocarbons used as fuel
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing hazardous substances
10 01 16*	fly ash from co-incineration containing hazardous substances
10 01 18*	wastes from gas cleaning containing hazardous substances
10 02	wastes from the iron and steel industry
10 02 07*	solid wastes from gas treatment containing hazardous substances
10 02 11*	wastes from cooling-water treatment containing oil
10 02 13*	sludges and filter cakes from gas treatment containing hazardous substances
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 09*	wastes from asbestos-cement manufacture containing asbestos
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
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
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 10*	packaging containing residues of or contaminated by hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 02	wastes from electrical and electronic equipment
16 02 12*	discarded equipment containing free asbestos
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing hazardous substances
16 03 05*	organic wastes containing hazardous substances
16 06	batteries and accumulators
16 06 01*	lead batteries
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 11	waste linings and refractories
16 11 01*	carbon-based linings and refractories from metallurgical processes containing hazardous substances
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 02	wood, glass and plastic
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar
17 04	metals (including their alloys)
17 04 09*	metal waste contaminated with hazardous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil

17 05 03*	soil and stones containing hazardous substances
17 06	insulation materials and asbestos-containing construction materials
17 06 01*	insulation materials containing asbestos
17 06 03*	other insulation materials consisting of or containing hazardous substances
17 06 05*	construction materials containing asbestos
17 08	gypsum-based construction material
17 08 01*	gypsum-based construction materials contaminated with hazardous substances
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 03	stabilised/solidified wastes
19 03 04*	wastes marked as hazardous, partly stabilised other than 19 03 08
19 03 06*	wastes marked as hazardous, solidified
19 04	vitrified waste and wastes from vitrification
19 04 02*	fly ash and other flue-gas treatment wastes
19 04 03*	non-vitrified solid phase
19 10	wastes from shredding of metal-containing wastes
19 10 03*	fluff-light fraction and dust containing hazardous substances
19 10 05*	other fractions containing hazardous substances
19 11	wastes from oil regeneration
19 11 07*	wastes from flue-gas cleaning
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 06*	wood containing hazardous substances
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing hazardous substances
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 23*	discarded equipment containing chlorofluorocarbons
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 37*	wood containing hazardous substances

Table S2.2 Permitted waste types and quantities for hazardous liquid waste storage and treatment	
Maximum quantity	Maximum quantity permitted for storage at any time- 442 tonnes. The total maximum quantity of hazardous liquid waste, as defined in this table, is 16,000 tonnes per annum.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing hazardous substances
06 05	sludges from on-site effluent treatment
06 05 02*	sludges from on-site effluent treatment containing hazardous substances
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 11*	sludges from on-site effluent treatment containing hazardous substances
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 03	wastes from MFSU of printing inks
08 03 12*	waste ink containing hazardous substances
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 05	wastes not otherwise specified in 08
08 05 01*	waste isocyanates
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 04*	oil fly ash and boiler dust
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
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 18*	metal sludge (grinding, honing and lapping sludge) containing oil
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 01*	hydraulic oils, containing PCBs
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 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 01*	solids from grit chambers and oil/water separators
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 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
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 hazardous substances
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
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 07	landfill leachate
19 07 02*	landfill leachate containing hazardous substances
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 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 04*	wastes from cleaning of fuel with bases
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 27*	paint, inks, adhesives and resins containing hazardous substances

Table S2.3 Permitted waste types and quantities for hazardous waste oil for storage and treatment

Maximum quantity	Maximum quantity permitted for storage at any time- 442 tonnes. The total maximum quantity of hazardous waste oil, as defined in this table, is 22,850 tonnes per annum.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing hazardous substances
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 05	sludges from on-site effluent treatment
06 05 02*	sludges from on-site effluent treatment containing hazardous substances
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 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 03	wastes from MFSU of printing inks
08 03 19*	disperse oil
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 04*	oil fly ash and boiler dust
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
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 18*	metal sludge (grinding, honing and lapping sludge) containing oil
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 01*	hydraulic oils, containing PCBs
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 04*	mineral-based chlorinated engine, gear and lubricating 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 01*	solids from grit chambers and oil/water separators
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 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
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 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
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 07	landfill leachate
19 07 02*	landfill leachate containing hazardous substances
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 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 04*	wastes from cleaning of fuel with bases

Table S2.4 Permitted waste types and quantities for non-hazardous waste for storage and treatment

Maximum quantity	Maximum quantity permitted for storage at any time- 150 tonnes. The total maximum quantity of non-hazardous waste, as defined in this table, is 10,000 tonnes per annum.
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 01	sludges from washing and cleaning
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 06	wastes from the baking and confectionery industry
02 06 03	sludges from on-site effluent treatment
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-site effluent treatment other than those mentioned in 05 01 09
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 02	aqueous sludges containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 18	waste printing toner other than those mentioned in 08 03 17
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
10	WASTES FROM THERMAL PROCESSES
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	waste concrete and concrete sludge
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
19 07	landfill leachate
19 07 03	landfill leachate other than those mentioned in 19 07 02
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 25	edible oil and fat
20 03	other municipal wastes

20 03 03	street-cleaning residues (consisting of liquid fraction only)
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning

Table S2.5 Permitted waste types and quantities for non-hazardous waste operations

Maximum quantity	Maximum quantity permitted for storage at any time- 60 tonnes The total maximum quantity of non-hazardous waste, as defined in this table, is 25,000 tonnes per annum.
Waste code	Description
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 03	Other municipal wastes
20 03 03	Street-cleaning residues

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Tank vents	Liquid waste tanks	No parameters set	No limit set	None set	None set	None set

Table S3.2 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	Monitoring standard or method
S1 on site plan in schedule 7 (emission to public foul sewer)	Site effluent treatment plant	Flow	None set	Daily average per calendar month	Continuous	Flow meter
		Adsorbable organically bound halogens (AOX)	1 mg/l	None set	Once every day	EN ISO 9562
		Benzene, toluene, ethylbenzene, xylene (BTEX)	None set	Once every month	EN ISO 15680	
		Free cyanide (CN-)	0.1 mg/l	Once every day	Various EN standards available (i.e. EN ISO 14403-1 and -2)	
		Hydrocarbon oil index (HOI)	10 mg/l		EN ISO 9377-2	
		Arsenic (As)	0.1 mg/l		Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)	
		Cadmium (Cd)	0.1 mg/l			
		Chromium (Cr)	0.3 mg/l			
		Copper (Cu)	0.5 mg/l			
		Nickel (Ni)	1 mg/l			
		Lead (Pb)	0.3 mg/l			
		Zinc (Zn)	2 mg/l			
		Manganese (Mn)	None set			
		Hexavalent chromium (Cr(VI))	0.1 mg/l		Various EN standards available (i.e. EN ISO 10304-3, EN ISO 23913)	
		Mercury (Hg)	10 µg/l		Various EN standards available (i.e. EN ISO 17852, EN ISO 12846)	
		PFOA	None set	Once every six months	No EN standard available	
PFOS	None set					

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
Emissions to water	S1	Every three months	01 Jan
Parameters as required by condition 3.3.1			01 Apr
			01 Jul
			01 Oct

Table S4.2 Performance parameters

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

Table S4.3 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	17/08/2022
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	11/03/2021
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	11/03/2021
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	11/03/2021
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	
Name of operator	
Location of Facility	
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	

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

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(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.

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

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

“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.

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

“Pests” means Birds, Vermin and Insects.

“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.

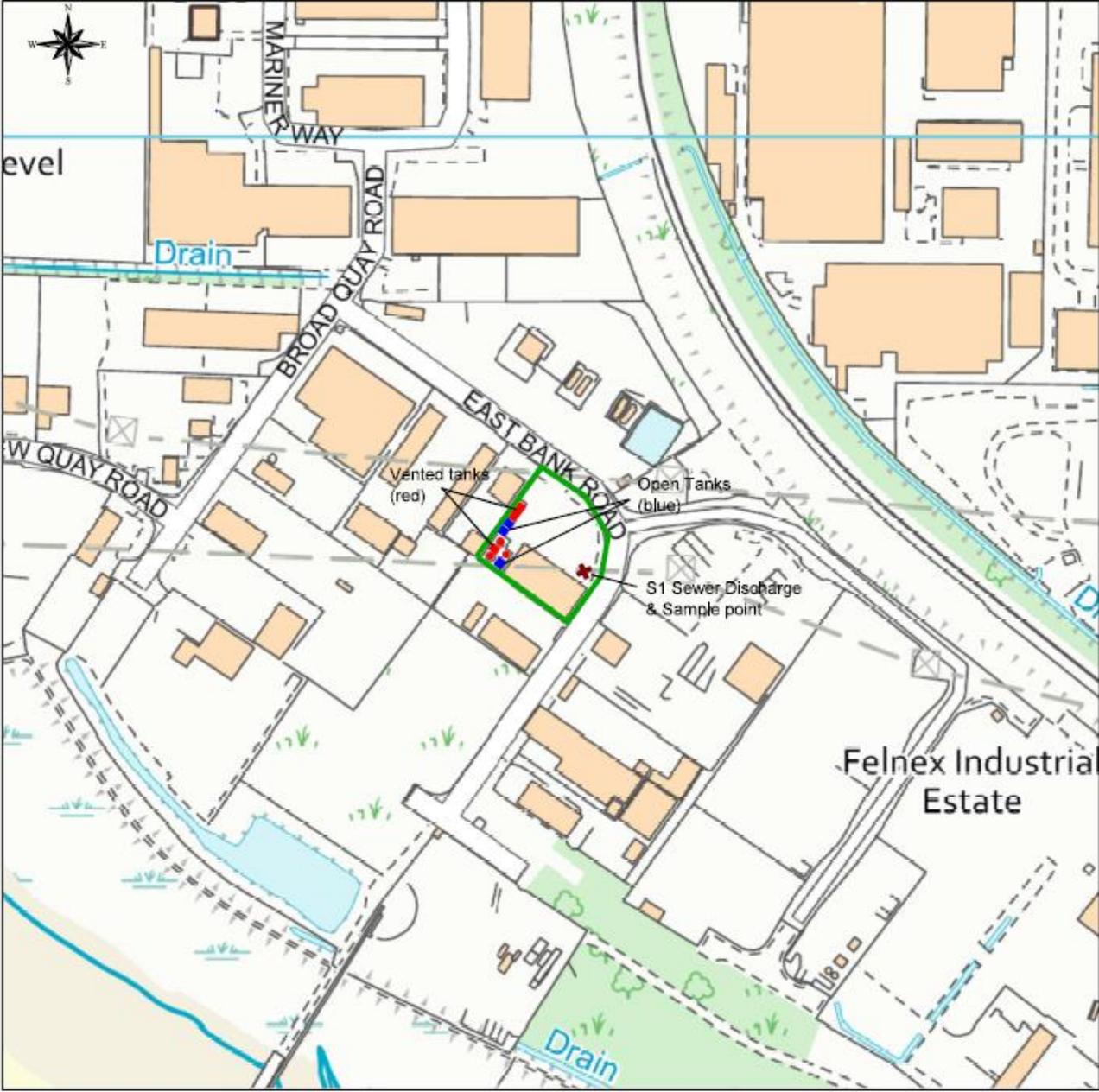
“Waste code” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) and in relation to hazardous waste, includes the asterisk.

“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.

Schedule 7 - Site plan



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