



# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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2 ZLF Limited  
West Meadows Waste Recovery Facility  
Downing Road  
West Meadows Industrial Estate  
Derby  
DE21 6HA

**Variation application number**

EPR/AB3904UQ/V005

**Permit number**

EPR/AB3904UQ

# West Meadows Waste Recovery Facility

## Permit number EPR/AB3904UQ

### Introductory note

#### This introductory note does not form a part of the notice

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

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

This variation, as requested by the operator:

- adds new S5.3 A(1)(a)(ii) and S5.3 A(1)(a)(vi) activities to the permit as the operator will now treat more than 10 tonnes per day of hazardous waste. The overall annual permitted throughput of wastes will remain at 65,000 tonnes per annum, but the proportion of hazardous waste treated will increase from a nominal 5% of hazardous waste when the permit was first issued. There is no change to the wastes permitted to be accepted on site and detailed in Schedule 2.

We have also made an Environment Agency initiated variation to address two errors in the previous permit:

- remove the reference in the Introductory Note to trommel fines being accepted to site as these were never permitted within the wastes that could be accepted to site in Schedule 2.
- add the aqueous emission point to sewer, S1, which was previously in use at the facility but never included within the permit. Appropriate Best Available Techniques (BAT) requirements apply for the sampling and monitoring of discharges to S1 with BAT-AELs (BAT-Associated Emission Levels) added to the permit where required.

The operation at this site is to receive and treat wet and de-watered road wastes (street sweepings and road gully waste including associated wastes such as soak away and pollution chamber materials).

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Permit determined EPR/AB3904UQ	30/03/2015	Permit issued to 2ZLF Limited.
Application EPR/AB3904UQ/V002	Duly made 08/06/2016	Application to add 5 additional waste codes.
Variation determined EPR/AB3904UQ	14/07/2016	Varied permit issued.
Application EPR/AB3904UQ/V003	28/09/2016	Application returned not duly made.
Application EPR/AB3904UQ/V004	Duly made 12/11/2018	Application to add 4 additional waste codes and extend the site boundary.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional information received	12/02/2019	Schedule 5 Notice response including an updated Environmental Risk Assessment and Environmental Management System.
Variation determined EPR/AB3904UQ	18/03/2019	Varied permit issued.
Application EPR/AB3904UQ/V005 (variation and consolidation)	Duly made 21/06/2023	Application to add a new S5.3 A(1)(ii) activity for treatment of hazardous waste and a new S5.6 A(1)(a) activity for storage of hazardous waste.
Additional information received	21/11/2023	Confirmation of operational hours.
Additional information received	23/11/2023	Confirmation that the request to remove restrictions on the source of the wastes accepted on site has been removed from the application.
Additional information received. Response to Schedule 5 Notice dated 17/10/2023.	21/12/2023	Additional information on: <ul style="list-style-type: none"> <li>- management of increased treatment and storage of hazardous wastes.</li> <li>- compliance with requirements in: <ul style="list-style-type: none"> <li>o Waste Treatment BREF BAT-conclusions.</li> <li>o Chemical waste: appropriate measures for permitted facilities.</li> </ul> </li> <li>- Waste acceptance and pre-acceptance.</li> <li>- Storage and containment of wastes.</li> <li>- Waste water treatment plant operation.</li> <li>- Management of surface water.</li> <li>- Usage of chemicals.</li> <li>- Generic risk assessment.</li> <li>- Control of odour, noise and dust from site operations.</li> <li>- Risk assessment for discharge of pollutants to sewer.</li> <li>- Provision of technically competent personnel.</li> </ul>
Additional information received	16/02/2024	Updated Dust and Emissions Management Plan using v10 template.
Additional information received	19/02/2024	Confirmation that the operator no longer wishes the application to include the storage of more than 50 tonnes of untreated hazardous waste on site
Additional information received	26/02/2024	<ul style="list-style-type: none"> <li>- Storage, segregation and treatment of wastes.</li> <li>- Use and operation of reception pit.</li> </ul>
Additional information received	02/05/2024	Further information on compliance with 'Chemical waste: appropriate measures for permitted facilities'.
Additional information received	17/05/2024	Construction of bund utilising existing wall of reception pit.
Additional information received	24/06/2024	<ul style="list-style-type: none"> <li>- Compliance with 'Chemical waste: appropriate measures for permitted facilities'.</li> <li>- Updated Trade Effluent Consent issued by Severn Trent Water Limited.</li> </ul>

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
		- Concentrations of PFAS/PFOA/AOX in water exiting the effluent treatment plant.
Additional information received	28/06/2024	Updated Noise Management Plan.
Additional information received	26/07/2024	Updated H1 assessment of discharges to sewer and comparison of pollutant concentrations against Waste Treatment BAT-AELs.
Additional information received	03/09/2024	Control and restriction on the aqueous effluent volume exiting the on-site effluent treatment plant.
Additional information received	17/09/2024	Management of water content of hazardous waste.
Additional information received	23/09/2024	Site drawing showing discharge point to sewer, S1, and on-site effluent sampling and monitoring location.
Additional information received	30/09/2024	Updated technical competence for the site.
Additional information received	07/10/2024	Detail on the waste operation for the non-hazardous waste treatment process.
Additional information received	27/10/2024	Noise Management Plan.
Additional information received	31/10/2024	Odour Management Plan.
Additional information received	31/10/2024	<ul style="list-style-type: none"> <li>- Storage of treated waste.</li> <li>- Implementation of noise management plan, odour management plan and dust and emissions management plan.</li> <li>- Effluent monitoring.</li> <li>- Water content of hazardous waste.</li> <li>- Use of carbon filters on waste storage tank vents.</li> </ul>
Additional information received	01/11/2024	Dust and Emissions Management Plan.
Variation determined and consolidation issued EPR/AB3904UQ	31/01/2025	Varied and consolidated permit issued.

End of introductory note

## Notice of variation and consolidation

### The Environmental Permitting (England and Wales) Regulations 2016

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

#### Permit number

EPR/AB3904UQ

#### Issued to

**2 ZLF Limited** (“the operator”)

whose registered office is

**4th Floor**

**115 George Street**

**Edinburgh**

**EH2 4JN**

company registration number SC459723

to operate regulated facilities at

**West Meadows Waste Recovery Facility**

**Downing Road**

**West Meadows Industrial Estate**

**Derby**

**DE21 6HA**

to the extent set out in the schedules.

The notice shall take effect from 31/01/2025.

Name	Date
Sandra Cavill	31/01/2025

Authorised on behalf of the Environment Agency

## Schedule 1

The following conditions were varied as a result of the application made by the operator:

- Condition 2.3.1 is varied to include activities AR1 and AR2 and subsequent conditions are renumbered as a result.
- Table S1.1 as referenced by conditions 1.2.1, 1.3.1, 2.1.1, 2.1.2, 2.3.1, 2.3.6 and 4.2.2 is varied to include new scheduled activities, directly associated activities and redefined waste operations.
- Table S1.2 as referenced by conditions 2.3.1 and 2.3.2 is varied to include new operating techniques.

The following conditions were varied as a result of an Environment Agency initiated variation:

- Condition 1.4 in the current permit notice is renumbered from condition 1.2 in the previous permit notice to reflect the current standard permit template.
- Condition 2.3.4 in the previous permit is renumbered as condition 2.3.6 to reflect the current standard permit template.
- Condition 4.3.1 is varied to reflect the current standard permit template.
- Condition 4.2.2 is varied to reflect the current standard permit template.
- Schedule 5 (Notification) as referenced by condition 4.3.2 is varied to include section (c), 'Notification requirements for the breach of permit conditions not related to limits' to reflect the current standard permit template.
- Schedule 6 (Interpretation) as referenced by condition 4.4.1 is varied to add, delete and vary definitions to reflect the current standard permit template.

The following conditions are added as a result of the application made by the operator

- Conditions 1.2, 1.3 and 2.1.2 are added as a result of the change from waste operation to installation.
- Condition 2.4 and Table S1.3 are added to reference improvement conditions that are required by the addition of the new hazardous waste treatment scheduled activity.
- Condition 2.5 and Table S1.4 are added to reference a pre-operational condition that is required by the addition of the new hazardous waste treatment scheduled activity.
- Condition 3.1 is added to reference point source emissions, compliance with limits and soil and groundwater monitoring. Subsequent existing conditions are renumbered
- Condition 3.5 is added to reference monitoring that is required by the addition of the new hazardous waste treatment scheduled activity. Subsequent existing conditions are renumbered
- Conditions 4.2.2, 4.2.3 and 4.2.4 are added to reference reporting that is required by the addition of the new hazardous waste treatment scheduled activity. Subsequent conditions are renumbered
- Table S3.1 as referenced by conditions 3.1.1, 3.5.1(a) and 3.5.4 is added for emissions to air.
- Table S3.2 as referenced by conditions 3.1.1, 3.5.1(a) and 3.5.4 is added for emissions to sewer.
- Table S4.1 as referenced by condition 4.2.3 is added for reporting of monitoring data.
- Table S4.2 as referenced by condition 4.2.2 is added for reporting of annual treatment.
- Table S4.3 is added for reporting of performance parameters.
- Table S4.4 as referenced by condition 4.2.3 is added to define reporting forms that must be used.

The following conditions are added following an Environment Agency initiated variation

- Conditions 2.3.4 and 2.3.5 are added to the permit to reflect the current standard permit template.
- Condition 4.3.6 is added to the permit to reflect the current standard permit template.

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/AB3904UQ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AB3904UQ/V005 authorising,

**2 ZLF Limited** (“the operator”),

whose registered office is

**4th Floor**

**115 George Street**

**Edinburgh**

**EH2 4JN**

company registration number SC459723

to operate an installation and waste operation at

**West Meadows Waste Recovery Facility**

**Downing Road**

**West Meadows Industrial Estate**

**Derby**

**DE21 6HA**

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

Name	Date
Sandra Cavill	31/01/2025

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR2), the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR2), the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.



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

## 2 Operations

### 2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR2), 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 For the following activities referenced in schedule 1, table S1.1 (AR1, AR2 and AR5), the activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; 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.

### Hazardous waste storage and treatment

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

## 2.4 Improvement programme

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

## 2.5 Pre-operational conditions

- 2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

# 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 the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## 3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency 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 the Environment Agency.

### **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.5 Monitoring**

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

### **3.6 Pests**

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
  - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
  - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 4 Information

### 4.1 Records

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

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
  - (i) off-site environmental effects; and
  - (ii) matters which affect the condition of the land and groundwater.

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

### 4.2 Reporting

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

4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR2), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

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

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

### 4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

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

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

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

#### **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

<b>Table S1.1 activities</b>			
<b>Activity reference</b>	<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity and WFD Annex I and II operations</b>	<b>Limits of specified activity</b>
AR1	S5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Hazardous waste treatment. R3: Recycling/reclamation of organic substances which are not used as solvents.	From receipt of waste onto site to treatment of waste off-site of recovered materials from that waste. Hazardous waste types as specified in Table 2.1.
AR2	S5.3 A(1)(a)(vi) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving recycling or reclamation of inorganic materials other than metals or metal compounds.	Hazardous waste treatment. R5: Recycling/reclamation of inorganic materials other than metals and metal compounds.	From receipt of waste onto site to treatment of waste off-site of recovered materials from that waste. Hazardous waste types as specified in Table 2.1.
<b>Directly Associated Activity</b>			
AR3	Storage and handling of incoming wastes pending recovery.	Storage and handling.	From the acceptance of waste onto site until waste treatment on site. Maximum storage of hazardous waste must not exceed 50 tonnes at any time.
AR4	Storage and handling of recovered materials and any residual waste from incoming waste treatment.	Storage and handling.	From the waste treatment exit until removal from site.
<b>Activity reference</b>	<b>Description of activities for waste operations</b>		<b>Limits of activities</b>
AR5	<p>Physico-chemical treatment of non-hazardous waste.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p> <p>R4: Recycling/reclamation of metals and metal compounds.</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 it is produced).</p>		<p>Treatment including screening, washing and electro-chemical separation of waste into different components for recovery.</p> <p>Non-hazardous waste types as specified in Table 2.1.</p>

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application	Part B4, Section 3, Table 3A – Technical Standards	20/11/2014
Response to Schedule 5 Notice	Schedule 5 Notice response email containing an amended Operating Techniques titled Management Plan dated October 2014.	11/02/2015
Application	Documents 'Technical Standards' and 'Appropriate Measures' of the application documents provided in response to section 3a – technical standards , Part C3 of the application form.	Duly Made 21/06/2023
Response to Schedule 5 Notice dated 17/10/2023	<p>Operating techniques described in the responses to the Notice in document "Application Variation Schedule 5 Response RFI Response Report (Dec23)" (including accompanying information):</p> <ul style="list-style-type: none"> <li>- Question 1 on the provision of infrastructure, equipment, operational processes, storage and trained staff to carry out increased treatment of hazardous wastes without adverse impact on the environment.</li> <li>- Question 2 on operational compliance with 'Waste Treatment BAT-conclusions' and 'Chemical waste: appropriate measures for permitted facilities'.</li> <li>- Question 6 on compliance with Waste Treatment BAT13.</li> <li>- Question 7 on compliance with Waste Treatment BAT14.</li> <li>- Question 8 on compliance with Waste Treatment BAT18.</li> <li>- Question 9 on compliance with Waste Treatment BAT41.</li> <li>- Question 11 on compliance with Waste Treatment BAT41.</li> <li>- Question 13 on managing wastes with higher TPH content.</li> <li>- Question 14 on processing waste from tanker.</li> <li>- Question 18 on the operation of the wastewater treatment plant.</li> <li>- Question 20 on management of surface water.</li> <li>- Question 25(j) on suspension of deliveries from a waste producer that repeatedly sent odorous wastes to site until such time as it could be demonstrated by the producer that prevention measures have been employed and are successful.</li> <li>- Question 28 on operating hours to ensure no impact from noise on sensitive receptors.</li> </ul>	21/12/2023
Additional information received	<p>Operating techniques described in email dated 26/02/2024 responding to RFI questions on:</p> <ul style="list-style-type: none"> <li>- Storage, segregation and treatment of wastes.</li> <li>- Use and operation of the wet waste reception bay.</li> </ul>	26/02/2024
Additional information received	Operating techniques described in emails and associated attachments received 02/05/2024 and 24/06/2024 in response to RFI questions on compliance with Chemical waste: appropriate measures for permitted facilities.	02/05/2024 & 24/06/2024
Additional information received	<p>Operating techniques described in email dated 17/09/2024 in response to RFI question on:</p> <ul style="list-style-type: none"> <li>- Management of water content of hazardous waste.</li> </ul>	17/09/2024



<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Additional information received	Use of carbon filters on vents from waste storage tanks described in document "Application Variation RFI Response Document on Outstanding Questions" dated 31/10/2024.	31/10/2024

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>The operator shall, submit a written report to the Environment Agency for technical assessment and written approval that:</p> <ul style="list-style-type: none"> <li>- Details the concentrations of those metals and organic compounds discharged to sewer that were included in the H1 assessment provided with the permit variation application, EPR/AB3904UQ/V005.</li> <li>- Outlines the quantities of hazardous and non-hazardous wastes being treated at each period when effluent is being sampled and analysed.</li> <li>- Includes the results from at least 12 sampling activities.</li> <li>- Includes an updated H1 assessment using the new sampling and monitoring data.</li> <li>- Demonstrates no adverse environmental impact or details proposed mitigation measures.</li> <li>- Demonstrates no adverse environmental impact, or, if there is such impact, details proposed mitigation measures.</li> <li>- Outlines any parameters which should not be regarded as 'relevant' in the wastewater inventory required for Waste Treatment BAT3 and which no longer require monitoring in Table S3.2 or have emission levels which are proven to be sufficiently stable and could have their monitoring frequency reduced in Table S3.2.</li> </ul> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025
IC2	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval that proposes, with timescales, the installation of a leak detection system within the wet waste reception bay to detect the release of pollutants through the bay flooring and into the ground or groundwater beneath the bay.</p> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025
IC3	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval that includes:</p> <ul style="list-style-type: none"> <li>- An updated set of monitoring results, using both continuous and static monitoring of volatile organic compounds (VOCs) released from the deposit, storage and handling of wastes in the reception pit. <ul style="list-style-type: none"> <li>o The monitoring and reporting should be carried out in a similar manner to that submitted during determination of permit variation application, EPR/AB3904UQ/V005.</li> </ul> </li> <li>- An assessment of the impact of released VOCs on human health.</li> <li>- An assessment of the operations most likely to generate VOCs.</li> <li>- A programme, with timescales if required, for the enclosed containment of the wastes currently stored and handled in the reception pit to minimise the impact of any VOCs released.</li> </ul> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC4	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval that includes:</p> <ul style="list-style-type: none"> <li>- The analytical testing results of a sufficient number of samples of wastewater input to the on-site effluent treatment plant to ensure a representative set of all waste treatment scenarios is obtained.</li> <li>- The quantities of hazardous and non-hazardous wastes being treated at each period when effluent is being sampled and analysed.</li> <li>- An assessment of whether the wastewater input to the effluent treatment plant is hazardous or non-hazardous in nature.</li> <li>- A programme, with timescales, if required for further assessment of the capacity of the effluent treatment plant.</li> </ul> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025
IC5	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval that includes:</p> <ul style="list-style-type: none"> <li>- An assessment of the water content of all hazardous and non-hazardous waste streams being treated at the facility.</li> <li>- A water balance across all waste treatment operations to include water incoming with waste streams and water used within the waste treatment processes on site.</li> <li>- A demonstration that the existing on-site sealed drainage system can adequately manage the amount of water present after the increase in hazardous waste throughput.</li> <li>- A programme, with timescales, if required for further upgrade of the site water management and drainage systems.</li> </ul> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025
IC6	<p>The operator shall submit a written report to the Environment Agency for technical assessment and written approval that includes:</p> <ul style="list-style-type: none"> <li>- The results and conclusions of a dust monitoring survey using automated dust sampling and detection systems that can identify both total particulate PM<sub>10</sub> fractions.</li> <li>- The location of the dust monitoring devices and the duration of the monitoring.</li> <li>- The throughput and the nature of all wastes accepted and processed on site during the dust monitoring programme.</li> <li>- The timescales for carrying out further dust monitoring or installing further dust abatement systems if required.</li> </ul> <p>The operator shall implement any agreed measures proposed in the report within the timescales approved by the Environment Agency.</p>	30/09/2025

<b>Table S1.4 Pre-operational measures for future development</b>		
<b>Reference</b>	<b>Operation</b>	<b>Pre-operational measures</b>
PO1	Commencement of operations within the new banded waste storage area.	At least four weeks before the start of storage of waste in the new banded area shown on drawing, '2ZLF – EPR/AB3904UQ/V005 Site Plan' dated 03/09/2024, the operator shall submit a written

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
		<p>report from a qualified civil or structural engineer to the Environment Agency for written approval demonstrating that the incorporation of a wall from the wet waste reception bay into the bund structure delivers an acceptable level of integrity and demonstrates that the bunded containment area has been leak tested.</p> <p>This report shall be undertaken in accordance with the methodology detailed in 'CIRIA C736 - Containment Systems for the Prevention of Pollution - secondary, tertiary and other measures for industrial and commercial premises' or other relevant industry standard and shall compare the constructed secondary containment against the standards stated in this document.</p> <p>The report shall also include:</p> <ul style="list-style-type: none"> <li>- physical condition of the constructed secondary containment</li> <li>- the suitability for providing containment when subjected to the dynamic and static loads;</li> <li>- any work required to ensure compliance with the standards detailed in CIRIA C736 or other relevant industry standard; and</li> <li>- a maintenance and inspection regime.</li> </ul> <p>No operations within the new bunded waste storage area shall commence until the Environment Agency has given written approval under this condition.</p>
PO2	Commencement of operation of each of the new waste storage tanks.	<p>At least four weeks before the start of storage of waste in each of the three new waste storage tanks as shown on drawing, '2ZLF – EPR/AB3904UQ/V005 Site Plan' dated 03/09/2024, the operator shall submit a report by a qualified engineer that demonstrates each waste storage tank being brought into operation, its associated</p>

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
		<p>pipework and any associated secondary containment have been leak-tested and inspected.</p> <p>The report shall include:</p> <ul style="list-style-type: none"> <li>- an assessment of the physical condition of each storage tank using a Written Scheme of Examination and their suitability for providing primary containment when subjected to the dynamic and static loads caused by catastrophic tank failure;</li> <li>- a program of works with timescales for the implementation of individual improvement measures necessary to demonstrate that the primary containment is fit for purpose or alternative appropriate measures to ensure all polluting materials will be contained on site; and</li> <li>- a maintenance and inspection regime.</li> </ul> <p>No operations involving storage of waste in each of the three new storage tanks shall commence until the Environment Agency has given written approval under this condition.</p>

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for physical treatment of non-hazardous and hazardous waste.	
Maximum quantity	The total quantity of waste accepted at the site shall be less than 65,000 tonnes per year.
Exclusions	Wastes having any of the following characteristics shall not be accepted: - Consisting solely or mainly of dusts, powders or loose fibres.
Waste code	Description
<b>10</b>	<b>Wastes from thermal processes</b>
<b>10 09</b>	<b>wastes from casting of ferrous pieces</b>
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
<b>10 10</b>	<b>wastes from casting of non-ferrous pieces</b>
10 10 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07
<b>13</b>	<b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01*	solids from grit chambers and oil/water separators (derived from highway maintenance and road sweeping only)
13 05 02*	sludges from oil/water separators (derived from highway maintenance and road sweeping only)
13 05 03*	interceptor sludges (derived from highway maintenance and road sweeping only)
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
<b>16</b>	<b>Wastes not otherwise specified in the list</b>
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 08*	wastes containing oil (derived from highway maintenance and road sweeping only)
<b>17</b>	<b>Construction and demolition wastes (including excavated soil from contaminated land)</b>
<b>17 03</b>	<b>bituminous mixtures, cold tar and tarred products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01 (derived from highway maintenance and road sweeping only)
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 03*	soil and stones containing dangerous substances (derived from highway maintenance and road sweeping only)
17 05 04	soil and stones other than those mentioned in 17 05 03 (derived from highway maintenance and road sweeping only)
<b>17 09</b>	<b>other construction and demolition wastes</b>

<b>Table S2.1 Permitted waste types and quantities for physical treatment of non-hazardous and hazardous waste.</b>	
<b>Maximum quantity</b>	<b>The total quantity of waste accepted at the site shall be less than 65,000 tonnes per year.</b>
<b>Exclusions</b>	<b>Wastes having any of the following characteristics shall not be accepted:</b> - <b>Consisting solely or mainly of dusts, powders or loose fibres.</b>
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances (derived from highway maintenance and road sweeping only)
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
<b>19</b>	<b>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</b>
<b>19 01</b>	<b>wastes from incineration or pyrolysis of waste</b>
19 01 02	ferrous materials removed from bottom ash
19 01 11*	bottom ash and slag containing hazardous substances
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
<b>19 02</b>	<b>Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 03	premixed wastes composed only of non-hazardous wastes (derived from highway maintenance and road sweeping only)
<b>19 05</b>	<b>wastes from aerobic treatment of solid wastes</b>
19 05 03	off-specification compost
19 05 99	wastes not otherwise specified (compost like output only)
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (mineral residue from road sweeping and gully waste only)
<b>20</b>	<b>Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>
<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>
20 02 01	biodegradable waste (street cleaning residue only)
20 02 02	soil and stones (street cleaning residue only)
<b>20 03</b>	<b>other municipal wastes</b>
20 03 01	mixed municipal waste (street cleaning and gully waste residue only)
20 03 03	street-cleaning residues

## Schedule 3 – Emissions and monitoring

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A1 – A3	Vents from waste storage tanks 1 to 3.	No parameters set.	No limit set	--	--	--

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 on drawing “2ZLF – EPR/AB3904 UQ/V005 Site Plan” (Rev0) 03/09/2024 (submitted 23/09/2024). (Note 3)	Site effluent treatment plant	Maximum daily discharge volume	100m <sup>3</sup>	24-hour total	Continuous	MCERTS self-monitoring of effluent flow scheme
		Maximum rate of discharge	3l/s	Instantaneous	--	MCERTS self-monitoring of effluent flow scheme
		pH	6 - 10	Spot sample	Daily	MCERTS calibrated pH meter
		Benzene, toluene, ethylbenzene, xylene (BTEX)	--	Spot sample	Monthly (Note 1, 2)	EN ISO 15680
		PFOA (perfluorooctanoic acid)	--	Spot sample	Every 6 months (Note 1, 2)	BS ISO 25101
		PFOS (perfluorooctanes ulphonic acid)	--	Spot sample	Every 6 months (Note 1, 2)	BS ISO 25101
		Chemical Oxygen Demand (COD)	4,000mg/l	Spot sample	--	--
		Total suspended solids (TSS)	1,500mg/l	Spot sample	--	EN 872
		Hydrocarbon Oil Index	10mg/l	Spot sample	Daily (Note 1, 2)	EN ISO 9377-2

<b>Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
		Free cyanide	0.1mg/l	Spot sample	Daily (Note 1, 2)	EN ISO 14403-1/-2
		Adsorbable organically bound halogens (AOX)	1mg/l	Spot sample	Daily (Note 1, 2)	EN ISO 9562
		Arsenic (expressed as As)	0.1mg/l	Spot sample	Daily (Note 1, 2)	Various methods EN ISO 11885; EN ISO 17294-2; EN ISO 15586
		Cadmium (expressed as Cd)	0.1mg/l	Spot sample	Daily (Note 1, 2)	
		Chromium (expressed as Cr)	0.1mg/l	Spot sample	Daily (Note 1, 2)	
		Copper (expressed as Cu)	0.1mg/l	Spot sample	Daily (Note 1, 2)	
		Lead (expressed as Pb)	0.2mg/l	Spot sample	Daily (Note 1, 2)	
		Nickel (expressed as Ni)	0.1mg/l	Spot sample	Daily (Note 1, 2)	
		Zinc (expressed as Zn)	0.5mg/l	Spot sample	Daily (Note 1, 2)	
		Manganese (expressed as Mn)	--	Spot sample	Daily (Note 1, 2)	
		Hexavalent chromium (expressed as Cr(VI))	0.1mg/l	Spot sample	Daily (Note 1, 2)	
		Mercury (expressed as Hg)	0.01mg/l	Spot sample	Daily (Note 1, 2)	Various methods EN ISO 17852; EN ISO 12846

Note 1	Monitoring may not be required if these parameters are not identified as relevant in a wastewater inventory required in BAT3 of the Waste Treatment BREF BAT-conclusions following completion of Improvement Condition, IC1.
Note 2	Monitoring frequency may be reduced if emission levels are proven to be sufficiently stable following completion of Improvement Condition, IC1.
Note 3	Effluent sampled at location "Effluent Sampling Point" on drawing "2ZLF – EPR/AB3904UQ/V005 Site Plan" (Rev0) to test for permit compliance rather than at S1, which is location onsite of discharge is sewer.



## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source emissions to sewer Parameters as required by condition 3.5.1	S1	Every 12 months	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Quantity of hazardous waste treated on site	Tonnes or m <sup>3</sup>
Quantity of non-hazardous waste treated on site	Tonnes or m <sup>3</sup>

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
Point source emissions to sewer	Emissions to Sewer Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

## 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	

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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	

OFFICIAL

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 the Waste Framework Directive

‘Annex II’ means Annex II to the Waste Framework Directive.

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

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

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

Pests” means Birds, Vermin and Insects.

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

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

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

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

‘year’ means calendar year ending 31 December.

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

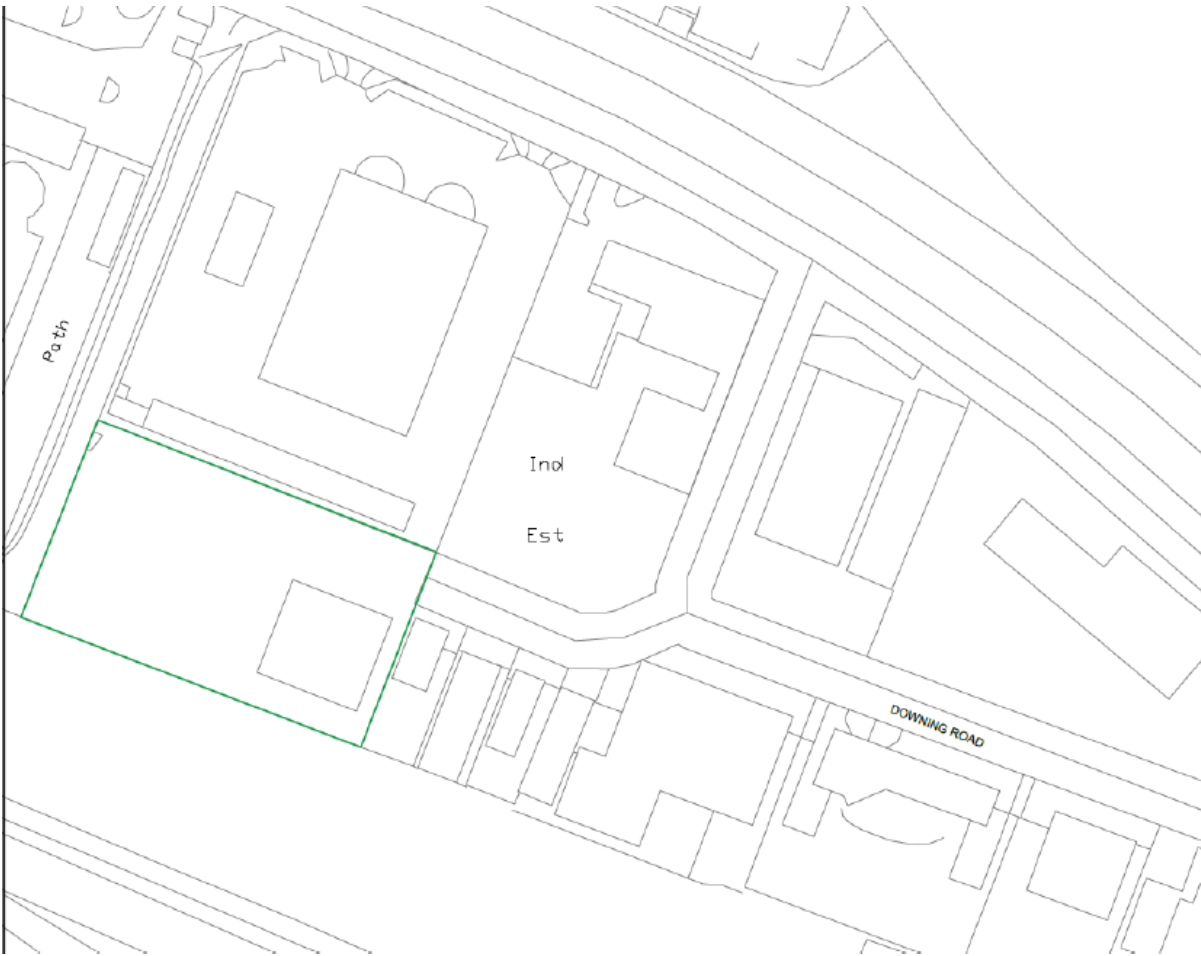
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

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

When the following terms appear in the waste code list in Schedule 2, table 2.2, for that table, they have the meaning given below:

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

## Schedule 7 – Site plan



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END OF PERMIT

# Reporting Forms

## Emissions to Sewer Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**Emissions to Sewer Reporting Form: version 1, 08/03/2021**

Reporting of emissions to sewer for the period from [DD/MM/YY] to [DD/MM/YY]

<b>Emission point</b>	<b>Substance / parameter</b>	<b>Emission Limit Value</b>	<b>Reference period</b>	<b>Test method <sup>1</sup></b>	<b>Result <sup>2</sup></b>	<b>Sample dates and times <sup>3</sup></b>	<b>Uncertainty <sup>4</sup></b>
[e.g. S1]	[e.g. Total suspended solids]	[e.g. 30 mg/l]	[e.g. For 95% of all measured values of periodic samples taken over one month]	[e.g. BS EN 872:2005]	[State result]	[State relevant dates and time periods]	[State uncertainty if not 95% confidence interval]



Emission point	Substance / parameter	Emission Limit Value	Reference period	Test method <sup>1</sup>	Result <sup>2</sup>	Sample dates and times <sup>3</sup>	Uncertainty <sup>4</sup>

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- <sup>1</sup> Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- <sup>2</sup> Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- <sup>3</sup> For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- <sup>4</sup> Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

## Water Usage Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**Water Usage Reporting Form: version 1, 08/03/2021**

Reporting of water usage for the year [YYYY]

Water source	Water usage (m <sup>3</sup> )	Specific water usage (m <sup>3</sup> /unit) <sup>2</sup>
Mains water	<i>[insert annual usage in m<sup>3</sup> where mains water is used]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where mains water is used]</i>
Site borehole	<i>[insert annual usage in m<sup>3</sup> where water is used from a site borehole]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where water is used from a site borehole]</i>
River abstraction	<i>[insert annual usage in m<sup>3</sup> where abstracted river water is used]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where abstracted river water is used]</i>
Other – <i>[specify other water source where applicable. Add extra rows where needed]</i>	<i>[insert annual usage in m<sup>3</sup> where applicable]</i>	<i>[insert annual usage in m<sup>3</sup>/unit where applicable]</i>
Total water usage	<i>[insert total annual water usage in m<sup>3</sup>]</i>	<i>[insert total annual water usage in m<sup>3</sup>/unit]</i>

### Operator's comments

**Signed:** *[Name]*

**Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

## Energy Usage Reporting Form

**Permit number:** [EPR/AB1234CB]

**Operator:** [A Company Name Limited]

**Facility name:** [Unit A, Anytown]

**Energy Usage Reporting Form: version 1, 08/03/2021**

Reporting of energy usage for the year [YYYY]

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) <sup>2</sup>
Electricity imported as delivered - source [specify source, e.g. supplied from the national grid]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy]	<i>[insert annual consumption in MWh where electricity is imported]</i>	<i>[insert annual consumption in MWh/unit where electricity is imported]</i>
Natural gas	<i>[insert annual consumption in MWh where natural gas is used]</i>	<i>[insert annual consumption in MWh/unit where natural gas is used]</i>
Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh]	<i>[insert annual consumption in MWh where gas oil is used]</i>	<i>[insert annual consumption in MWh/unit where gas oil is used]</i>
Imported heat	<i>[insert annual consumption in MWh where heat is imported]</i>	<i>[insert annual consumption in MWh/unit where heat is imported]</i>
Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i>	<i>[insert annual consumption in MWh where applicable]</i>	<i>[insert annual consumption in MWh/unit where applicable]</i>
Electricity exported	<i>[insert annual production in MWh where electricity is exported]</i>	Not applicable
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

**Operator's comments****Signed:** *[Name]***Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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**Guidance for use:** Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

<sup>1</sup> Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

<sup>2</sup> Divide energy consumption by an appropriate unit of raw material processed or product output.