Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Wessex Water Enterprises Limited

Bristol Treatment Centre
Avonmouth Water Recycling Centre
Kings Weston Lane
Avonmouth
BS11 0YS

Variation application number

EPR/SP3131QJ/V002

Permit number

EPR/SP3131QJ

Bristol Treatment Centre
Permit number EPR/SP3131QJ

Introductory note

This introductory note does not form a part of the permit

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. All the conditions of the permit have been varied and are subject to the right of appeal.

This permit variation has been issued to implement guidance “Chemical waste: appropriate measures for permitted facilities” and “Non-hazardous and inert waste: appropriate measures for permitted facilities”.

Changes introduced by this variation notice/statutory review

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer chemical waste, providing indicative BAT for those sites.

On 12 July 2021, Non-hazardous and inert waste: appropriate measures for permitted facilities was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to store, treat and/or or transfer non-hazardous and inert waste, providing indicative BAT for those sites.

This permit variation has been issued -

As a result of this variation, the site can no longer accept hazardous wastes for storage and/or treatment and the Chemical waste: appropriate measures for permitted facilities guidance no longer applies to the permitted activities.

Brief description of the process

The regulated facility comprises:

- treatment of non-hazardous waste;
- blending or mixing of non-hazardous waste; and
- temporary storage of non-hazardous waste.

The site consists of the following processes:

- Discharge bays;
- Balancing/ holding tanks;
- Grit removal;
- Screens; coarse and fine

- Grease separator (ait flotation unit):
- Pumping Well

The Treatment Centre (TC) accepts non-hazardous liquid wastes in tankers for pre-treatment before the waste is transferred to the adjacent Avonmouth Water Recycling Centre (WRC).

Liquid waste is discharged from one of the dedicated discharge areas to the treatment process, where coarse screenings, grit, fine screenings and grease are removed prior to the wastes being discharged to the adjacent WRC.

- The main discharge bays (A - E), connects to the main discharge channel:
- Balancing/ holding tank 1, 2, 3 & 4 (for wastes that need to be bled in a controlled rate to minimise downstream effects in the adjacent WRC); or
- Bay F: Between the grit chamber and the screens (for contractor decants of liquid waste only whilst completing the site cleaning).

From the discharge routes, the waste flows by means of gravity through a coarse screen, a grit removal process, through fine screens into a grease separator, before flowing into a pumping well and being discharged to the adjacent WRC.

Wastes removed from waste streams via the treatment process (grits, screenings, grease) are stored onsite prior to removal for disposal or recovery offsite.

The site is located within Avonmouth WRC, which is sited on the northern boundary of Severnside Industrial Estate approximately 2 km north east of Avonmouth in Bristol. The surrounding area comprises an industrial zone with heavy chemical industry located to the south and north. The M49 and M5 motorways are to the south east. The closest surface water feature to the facility is the Mere Bank Rhine, located approximately 20 m to the south.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	**Date**	**Comments**
Application PP3634MG	Duly made 06/12/2006	Application for a waste treatment facility to pre-treat waste prior to discharge to Avonmouth Waste Water Treatment works.
Permit PP3634MG determined	30/10/2007	-
Application EPR/FP3734XC	Duly made 07/03/2008	Application to increase the annual treatment capacity of the site and addition of third holding tank.
Variation determined EPR/FP3734XC	21/10/2008	-
Variation application EPR/PP3634MG/V003	Duly made 23/08/2013	Application to increase the annual treatment capacity of the site.
Variation determined EPR/PP3634/MG/V003	15/11/2013	-
Variation application EPR/PP3634MG/V004	Duly made 12/12/2016	Application for an additional (fourth) holding tank.
Variation determined EPR/PP3634MG	31/05/2017	Varied permit issued.

Status log of the permit		
Description	**Date**	**Comments**
Application EPR/PP3634MG/V005	Duly made 23/03/2018	Application for two additional waste codes.
Variation determined EPR/PP3634MG Billing Ref: SP3737JE	31/05/2018	Varied permit issued.
Application EPR/SP3131QJ/T001 (full transfer of permit EPR/PP3634MG)	Duly made 13/12/2018	Application to transfer the permit in full to Wessex Water Enterprises Limited.
Transfer determined EPR/SP3131QJ	06/02/2019	Full transfer of permit complete.
Permit review- Regulation 61 Notice sent to Operator	15/11/2021	Regulation 61 Notice requiring information for statutory review of permit.
Permit review – Regulation 61 Notice response	28/02/2022	Response received from the operator.
Permit Review – Application (variation and consolidation) EPR/SP3131QJ/V002	Environment Agency Initiated Variation	Statutory review of permit occasioned by Waste Treatment BAT Conclusions published on 17 August 2018 and Chemical waste: appropriate measures for permitted facilities published 18 November 2020, and Non-hazardous and inert waste: appropriate measures for permitted facilities published 12 July 2021.
Additional information received in response to the Request for Further Information (RFI) dated 25/11/2025	16/12/2025	Document received in response to questions 1 and 2 of the RFI. .
Additional information received in response to the Request for Further Information (RFI) dated 11/03/2026	18/03/2026	Documents received in response to questions 1, 2, 3, 4 and 5 of the RFI. Submission of revised site boundary and layout plans.
Removal of hazardous waste treatment activity Section 5.3 Part A(1)(a)(ii) and hazardous waste storage activity Section 5.6 Part A(1)(a).	16/12/2025	In the response dated 16/12/2025 to our request for further information dated 25/11/2025, the operator confirmed that they will cease to accept hazardous waste into the installation from the date of issue of the varied permit.
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/SP3131QJ/V002	29/05/2026	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 and consolidates

Permit number

EPR/SP3131QJ

Issued to

Wessex Water Enterprises Limited ("the operator")

whose registered office is

Wessex Water Operations Centre

Claverton Down Road

Claverton Down

Bath

BA2 7WW

company registration number 02279151

to operate a regulated facility at

Bristol Treatment Centre

Bristol Waste Water Treatment Works

Kings Weston Lane

Avonmouth

BS11 0YS

to the extent set out in the schedules.

The notice shall take effect from 29/05/2026

Name	Date
Anne Lloyd	29/05/2026

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/SP3131QJ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/SP3131QJ authorising,

Wessex Water Enterprises Limited (“the operator”),

whose registered office is

Wessex Water Operations Centre

Claverton Down Road

Claverton Down

Bath

BA2 7WW

company registration number 02279151

to operate an installation at

Bristol Treatment Centre

Bristol Waste Water Treatment Works

Kings Weston Lane

Avonmouth

BS11 0YS

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

Name	Date
Anne Lloyd	**29/05/2026**

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 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 red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

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

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

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.2; and

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

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

3.4 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 S32;

(b) process monitoring specified in table S3.3

(c) ambient air monitoring specified in table S3.4.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 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.

3.7 Fire prevention

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

3.7.2 The operator shall:

(c) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;

(d) implement the fire prevention 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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

(b) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

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

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

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

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

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

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

4.3 Notifications

4.3.1 In the event:

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

(i) inform the Environment Agency,

(ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and

(iii) take the measures necessary to prevent further possible incidents or accidents;

(b) of a breach of any permit condition the operator must immediately—

(i) inform the Environment Agency, and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

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

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

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

Where the operator is a registered company:

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

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

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

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

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

In any other case:

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

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

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

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

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

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

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

4.4 Interpretation

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

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR1	Section 5.4 Part A(1)(a)(ii): Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day.	D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any operations numbered D1 to D12, in the grit chamber, screens and grease separator.	From receipt of waste as specified in Schedule 3 table S3.2 prior to despatch of waste for disposal or for further treatment at adjacent Waste Water Treatment Works. Maximum throughput 864 000 tonnes per year for treatment. Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste only. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste only. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste only. Blending or mixing is limited to: • wastes of the same general type having similar characteristics • wastes that have been checked or tested for compatibility, that is wastes that will not react together or give rise to evolution of gas Mixing and blending shall take place in a dedicated area on an impermeable surface with sealed drainage. Mixed or blended waste shall be stored securely on site on an impermeable surface with sealed drainage. Blending or mixing of waste shall not change either the maximum storage times for waste on site or the amount of waste that can be stored at any one time. No waste types shall be submitted to this activity other than those wastes specified in schedule 2, table S2.2.
Directly Associated Activity			

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
AR2	Non-hazardous liquid waste storage	D15 Storage of non-hazardous waste in Holding Tanks 1, 2, 3 and 4 pending disposal.	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste only. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste only. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste only. Waste shall be stored securely on an impermeable surface with sealed drainage.
AR3	Non-hazardous solid waste storage.	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). D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced). Storage of non-hazardous waste (screenings and grit) resulting from the physico-chemical treatment process prior to disposal at landfill or recovery by composting.	To be stored in an appropriate container suitable for their purpose to prevent spillage and contamination. To be stored securely on site on an impermeable surface with sealed drainage. The amount of non-hazardous waste stored on site at any one time shall not exceed 270 tonnes.
		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). Storage of non-hazardous waste (grease and fats) resulting from the physico-chemical treatment process prior to offsite recovery by composting or anaerobic digestion.	To be stored in an appropriate container suitable for their purpose to prevent spillage and contamination. To be stored securely on site on an impermeable surface with sealed drainage. The amount of non-hazardous waste stored on site at any one time shall not exceed 270 tonnes.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Non-hazardous and inert waste: appropriate measures for permitted facilities. Version published 12 July 2021	All parts of the appropriate measures guidance shall apply other than: those parts to which an improvement programme requirement applies in Table S1.3 (and only until the date that the improvement has been or must be met, whichever is the earlier).	28/02/2022
Response to request for information dated 25/11/2025	The response to question 2 providing further details for waste codes within Table S2.2	16/12/2025

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 – IC10	See previous permit	Completed
IC11 Emissions control procedures	The operator shall review and update their emissions control procedures to ensure that they meet the requirements of the Environment Agency's guidance Non-hazardous and inert waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met: • You must collect, extract and direct all process emissions (to air) to an appropriate abatement system for treatment before release (measure 6.2.1). • You must identify the main chemical constituents of the site's point source emissions as part of the site's inventory of emissions to air (measure 6.2.1). • You must assess the fate and impact of the substances emitted to air, following the Environment Agency's risk assessment methodology (measure 6.2.2). • To reduce point source emissions to air (for example, dust, volatile organic compounds and odour) from the treatment of waste, you must use an appropriate combination of abatement techniques, including one or more of the following systems (measure 6.2.3): o adsorption (for example, activated carbon) o biofiltration, biotrickling or bioscrubbing o cyclone o fabric filters • You must assess and design vent and stack locations and heights to make sure dispersion capability is adequate (measure 6.2.4). • Where monitoring is required, including for odour, you must install suitable monitoring points (measure 6.2.5). • You must have procedures to make sure that you correctly operate, monitor and maintain abatement equipment (measure 6.2.6).	01/09/2026 or such other date as agreed in writing with the Environment Agency

	• Your monitoring should demonstrate the effectiveness of the abatement, so that you can take preventative or corrective action as necessary (measure 6.2.7) A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.	
IC12 Updated emissions inventory and H1 risk assessment (air and sewer)	The operator shall submit a written report to the Environment Agency for assessment and written approval as required by sections 6.2.1, 6.2.2, 6.4.1, 6.4.2, 7.1 and 7.3 of the Environment Agency's guidance Non-hazardous and inert waste: appropriate measures for permitted facilities. 'The emissions inventory must include information about the relevant characteristics of point source emissions to air and sewer'. **Specifically include considerations for the following pollutants:** • **Pesticides and herbicides** • **Dosed chemicals such as ferric chloride/aluminium sulphate** The report must include: (a) the results and conclusions of the emissions monitoring and assessment undertaken in accordance with your emissions inventory. (b) a comparison of the monitoring results with the limits listed in Schedule 3, Table S3.2 for each parameter. **(c)** the results and conclusions from an assessment of the environmental impact of the emissions to air and sewer using all relevant parameters identified from your emissions inventory under (a) above. The assessment must be carried out using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) and/or modelling as required following our guidance: Risk assessments for your environmental permit - GOV. UK Air emissions risk assessment for your environmental permit - GOV.UK Surface water pollution risk assessment for your environmental permit' Where it is concluded that the impact of an emission may be significant or exceeds an environmental standard (e.g. an environmental quality standard EQS) the operator shall: a) Review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Table S3.2 in order to prevent exceedance of environmental standards.	01/09/2026 or such other date as agreed in writing with the Environment Agency

	b) Propose revised emission limits that will prevent exceedance of the environmental standard(s) c) Include proposals for measures to mitigate the emission to meet the relevant emission limit (for example, the provision of additional treatment or abatement) and timescales for the implementation of these measures. The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.	
IC13a Abatement system	The operator shall submit a plan to the Environment Agency for approval as required by section 6.2.1 of the Environment Agency's guidance Non-hazardous and inert waste: appropriate measures for permitted facilities (6.2.1: *"You must use appropriate measures to make sure that you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release"*) for the enclosure, extraction and collection installation and maintenance and operation of an abatement system for the reduction of emissions from the storage tanks on site. The plan shall detail: • the design of the abatement system; • the monitoring measures in place for; - optimising and maintaining the operation; - optimising performance of the abatement system; - identifying optimal regeneration or replacement; • The timescale for implementation. The plan shall be implemented in accordance with the Environment Agency's written approval.	01/09/2026 or such other date as agreed in writing with the Environment Agency
IC13b Abatement system	The agreed abatement system(s) approved under IC13a shall be installed and operated in accordance with the Environment Agency's written approval.	01/12/2026 or such other date as agreed in writing with the Environment Agency
IC14 Odour management plan	The operator shall submit an odour management plan to the Environment Agency for approval. The plan shall take into account all appropriate measures for odour control specified in the Environment Agency's guidance Odour Management: comply with your environmental permit and Chemical waste: appropriate measures for permitted facilities. Once the odour management plan has been agreed with the Environment Agency, the installation must be operated in accordance with this management plan.	01/09/2026 or such other date as agreed in writing with the Environment Agency

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
–	–

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
01	**WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS**
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07, consisting only of wash water from marble stone cutting
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
02	**WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste, consisting only of wash waters contaminated with animal blood from slaughterhouse operations and/or wash waters contaminated with blood from deer culling
02 01 03	plant-tissue waste
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site, consisting only of wash waters from animal holding areas, wash waters from dog kennels and dog play areas, horse urine and wash waters from stable cleaning, groundwater impacted with cattle slurry and animal faeces from farm remediation activities and/or horse manure from horse stables.
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste, consisting only of deer larder wash waters including blood and small tissue fragments
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment, consisting only of egg processing waste, waste molasses, vegetable oil, animal feed mixed with rainwater, wash waters with

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
	<2% vegetable oil content from washing down of cookers, soy washings and/or brewery waste.
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing, conserve production, yeast and yeast extract production, molasses preparation and fermentation**
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	**wastes from sugar processing**
02 04 03	sludges from on-site effluent treatment
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing, consisting only of dairy wash waters, milk waste, cheese production effluent, milk wash waters, wash waters from ice cream production and/or wash waters from cheese manufacturing
02 05 02	sludges from on-site effluent treatment
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing, consisting only of confectionary manufacturing effluent and/or liquid food waste mixed with sewage from dessert production processes
02 06 03	sludges from on-site effluent treatment
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	**WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD**
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard, consisting only of starch by-product liquid waste from cardboard manufacturing
03 03 09	lime mud waste

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation, consisting only of water-based ink from the production of cardboard
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES**
04 01	**wastes from the leather and fur industry**
04 01 04	tanning liquor containing chromium
04 01 05	tanning liquor free of chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02	**wastes from the textile industry**
04 02 10	organic matter from natural products (for example grease, wax)
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
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 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 03	**wastes from the MFSU of organic dyes and pigments (except 06 11)**
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	**wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides**
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	**wastes from the MFSU of pharmaceuticals**
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
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
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
08	**WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	**wastes from MFSU of other coatings (including ceramic materials)**
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 04	**wastes from MFSU of adhesives and sealants (including waterproofing products)**
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09, consisting only of wash waters from Jay cloth manufacturing, diluted wood preservative, water contaminated with latex, wood preservative tank cleanings and/or PVA adhesive/water mixes.
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	**WASTES FROM THERMAL PROCESSES**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	wastes from cooling-water treatment
10 02	**wastes from the iron and steel industry**
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	**wastes from aluminium thermal metallurgy**
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04	**wastes from lead thermal metallurgy**
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	**wastes from zinc thermal metallurgy**
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06	**wastes from copper thermal metallurgy**
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 11	**wastes from manufacture of glass and glass products**
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 05	sludges and filter cakes from gas treatment
10 12 13	sludge from on-site effluent treatment
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 07	sludges and filter cakes from gas treatment
10 13 14	waste concrete and concrete sludge, consisting only of waste cement sludge from cement mixing process, neutralised concrete washings, wash waters from concrete pumps, cement wash waters, waste cement sludge from cement mixing, waste concrete and/or concrete sludges
11	**WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS, NON-FERROUS HYDRO-METALLURGY**

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)**
11 01 14	degreasing wastes other than those mentioned in 11 01 13
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 15	machining sludges other than those mentioned in 12 01 14
13	**OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)**
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 15	antifreeze fluids other than those mentioned in 16 01 14
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03, consisting only of waste aerospace fire fighting solutions
16 03 06	organic wastes other than those mentioned in 16 03 05, consisting only of neutralised citric acid, wash waters from cutting carbon fibre, waste blue photographic ink, antifoam emulsion and release emulsion wash waters, waste water from PET extrusion, cosmetic waste, glycol/water 15% solution, cement admixture, steel works binding material (dust suppression), surfactant and polish wash waters, fire fighting foam/water mix, glycerin, shaving foam and gel, wash waters from cosmetics manufacture, water from fire suppression systems and/or fertiliser
16 10	**aqueous liquid wastes destined for off-site treatment**
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
17	**CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 06	dredging spoil other than those mentioned in 17 05 05, consisting only of borehole waters and/or gully silts
18	**WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)**

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
18 02	**wastes from research, diagnosis, treatment or prevention of disease involving animals**
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection, consisting only of badger holding wash waters, dog wastes and/or slurries from poultry operations
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes, consisting only of yard drainage waters, operational wastes from transfer station operations, filtrate waters from waste water treatment plants, aqueous fixer solution, blended non-hazardous waste from transfer stations and/or effluent from onsite effluent treatment
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 05	**wastes from aerobic treatment of solid wastes**
19 05 01	non-composted fraction of municipal and similar wastes, consisting only of composting leachate
19 06	**wastes from anaerobic treatment of waste**
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 07	**landfill leachate**
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	Screenings, consisting only of sewage waters and sludges
19 08 02	waste from desanding, consisting only of sludges from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification

Table S2.2 Permitted waste types and quantities for storage in Holding Tanks and treatment in the grit chamber, screens and grease separator – Activity AR1	
Maximum quantity	Maximum storage capacity for holding tanks 1 & 2: 100 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 3: 35 m^3 for non-hazardous waste. Maximum storage capacity for holding tank 4: 35 m^3 for non-hazardous waste.
Exclusions	Wastes having any of the following characteristics shall not be accepted: a) Solid wastes b) Consisting solely or mainly of dusts, powders or loose fibres
Waste code	**Description**
19 09 03	sludges from decarbonation
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11, consisting only of collected site surface water, slurry from waste packaged food and/or collected waste waters from shredder bund.
19 13	**wastes from soil and groundwater remediation**
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	**MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**
20 01	**separately collected fractions (except 15 01)**
20 01 08	biodegradable kitchen and canteen waste
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 03	**other municipal wastes**
20 03 01	mixed municipal waste, consisting only of liquid household wastes and/or municipal waters from incinerators
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning

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 (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
A1 as shown on the plan in Schedule 7	Emission point from storage/transfer tank 1 vent discharge No.1 via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3
A2 as shown on the plan in Schedule 7	Emission point from tank 1 vent discharge No.2 via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3
A3 as shown on the plan in Schedule 7	Emission point from tank 1 vent discharge No.3 via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3
A4	Emission point from tank 2 vent discharge via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
A5	Emission point from tank 3 vent discharge via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3
A6	Emission point from tank 4 vent discharge via abatement system determined following completion of IC13a	No parameter set	No limit set	-	-	As specified in table S3.3

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 (Note 1)**	**Limit (incl. unit) (Note 6)**	**Reference period (Note 2)**	**Monitoring frequency (Note 4 and 5)**	**Monitoring standard or method**
S1 on site plan in schedule 2 emission to adjacent Bristol Waste Water Treatment Works	Treatment process – treatment of water-based liquid waste	Total Arsenic (expressed as As) (Note 3, 7 and 8)	0.1 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Cadmium (expressed as Cd) (Note 3, 7 and 8)	0.1 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Chromium (expressed as Cr) (Note 3, 7 and 8)	0.3 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Hexavalent chromium	0.1 mg/l	-	Daily	EN ISO 10304-3 EN ISO 23913

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 (Note 1)**	**Limit (incl. unit) (Note 6)**	**Reference period (Note 2)**	**Monitoring frequency (Note 4 and 5)**	**Monitoring standard or method**
		(expressed as Cr (VI)) (Note 3, 7 and 8)				
		Total Copper (expressed as Cu) (Note 3, 7 and 8)	0.5 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Lead (expressed as Pb) (Note 3, 7 and 8)	0.3 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Dissolved Manganese (Note 3 and 7)	No limit set	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Mercury (expressed as Hg) (Note 3, 7 and 8)	10 µg/l	-	Daily	BS EN 12846 BS EN ISO 17852
		Total Nickel (expressed as Ni) (Note 3, 7 and 8)	1 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Total Zinc (Note 3, 7 and 8)	2 mg/l	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Hydrocarbon oil index (HOI) (Note 7)	10 mg/l	-	Daily	EN IS0 9377-2
		Free cyanide (CN^-) (Note 3 and 7)	0.1 mg/l	-	Daily	EN ISO 14403-1 EN ISO 14403-2
		Adsorbable organically bound	1 mg/l	-	Daily	EN ISO 9562

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 (Note 1)**	**Limit (incl. unit) (Note 6)**	**Reference period (Note 2)**	**Monitoring frequency (Note 4 and 5)**	**Monitoring standard or method**
		halogens (AOX) (Note 3 and 7)				
		Benzene, toluene, ethylbenzene, xylene (BTEX) (Note 3 and 7)	No limit set	-	Monthly	EN ISO 15680
		PFOA (Note 3)	No limit set	-	Every 6 months	BS ISO 25101 Inhouse method accredited by UKAS
		PFOS (Note 3)	No limit set	-	Every 6 months	BS ISO 25101 Inhouse method accredited by UKAS

Note 1: In addition the operator shall monitor for relevant waste water parameters as required for example flow, pH, temperature, conductivity, BOD.

Note 2: Relevant reference period:

• In the case of continuous discharge, daily average values, i.e. 24-hour flow-proportional composite samples.

• In the case of batch discharge, average values over the release duration taken as flow-proportional composite samples, or, provided that the effluent is appropriately mixed and homogeneous, a spot sample taken before discharge.

Note 3: This substance is only required to be monitored where present in the waste water emissions inventory following completion of IC12.

Note 4: An alternative monitoring frequency may be agreed in writing with Environment Agency following completion of IC12.

Note 5: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable, or in the case of a batch discharge less than the minimum monitoring frequency where monitoring is carried out once per batch.

Note 6: The BAT-AEL may not apply if the downstream waste water treatment plant abates the pollutant concerned, provided this does not lead to a higher level of pollution of the environment. The operator may request in writing to disapply the BAT-AEL, supported by a revised H1 Assessment and confirmation from the sewerage undertaker that the waste water treatment plant abates the pollutant concerned.

Note 7: in the case of an indirect discharge to a receiving water body, the monitoring frequency may be reduced if the downstream waste water treatment plant abates the pollutants concerned.

Note 8: Dissolved analysis of these parameters will also be required to enable completion of IC12

Table S3.3 Process monitoring requirements				
Emission point reference or source or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other Specifications**
Abatement system on emission points A1-A6 from storage tanks 1-4, installed in compliance with IC13a and IC13b.	Efficiency assessment	As specified in the agreed abatement plan	The abatement system shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations and with the agreed abatement plan outlined in IC13a.	-

Table S3.4 Ambient air monitoring requirements				
Location or description of point of measurement	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
Tanker discharge bay	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Storage tanks 1 & 2 area	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Storage tanks 3 & 4 area	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Coarse screen and grit removal area	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Fine screens	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Screen area	H_2S	Every 6 months	Suitably calibrated H_2S meter	-
Air flotation grease separator	H_2S	Every 6 months	Suitably calibrated H_2S meter	-

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**	**First period begins**
Emissions to air Parameters as required by condition 3.5.1, subject to completion of IC13a	A1, A2, A3, A4, A5 and A6	Every 6 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Annually	1 January
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January

Table S4.2 Annual production/treatment	
Parameter	**Units**
Non-hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Disposal	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Water usage	Annually	Cubic metres
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Emissions to air	Emissions to Air Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Emissions to sewer	Emissions to Sewer Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Water usage	Water Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021
Energy usage	Energy Usage Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	08/03/2021

Table S4.4 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Other performance indicators	Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	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	

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

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

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

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

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

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

“blending or mixing” is the combination of wastes (other than repackaging) of the same general type (for example non-halogenated solvents or acids) having similar characteristics, in a container or bulk vessel or tank, where there is neither reaction of the mixed wastes nor evolution of gas.

“building” is a covered structure enclosed on all vertical sides that provides sheltered cover and contains emissions of, for example, noise, particulate matter, odour and litter.

“container” is a receptacle for waste for example bags, bins, boxes, drums, IBCs and blister packs. Wastes may be packaged in more than one receptacle for example a bag in a box.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

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

“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.

“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.

“fugitive emission” means an emission to air, water or land from the activities which is not controlled by an emission limit.

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

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

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

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

“Industrial Emissions Directive” means Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

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

”pests” means birds, vermin and insects.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

“POPs” means persistent organic pollutants, which are the substances listed in Annexes I and II of the retained Regulation (EU) 2019/1021 as amended by The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020/1358 and The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2022/1293.

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

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

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

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

- no liquid will run off the surface otherwise than via the system, and
- except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump

“volatile organic compound” (VOC) means any organic compound as well as the fraction of creosote, having at 293.15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use.

“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.
- “PCBs” means.
    - polychlorinated biphenyls
    - polychlorinated terphenyls
    - monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
    - any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

Schedule 7 – Site plan

Figure 1: Site Location and Layout Plan and permit boundary

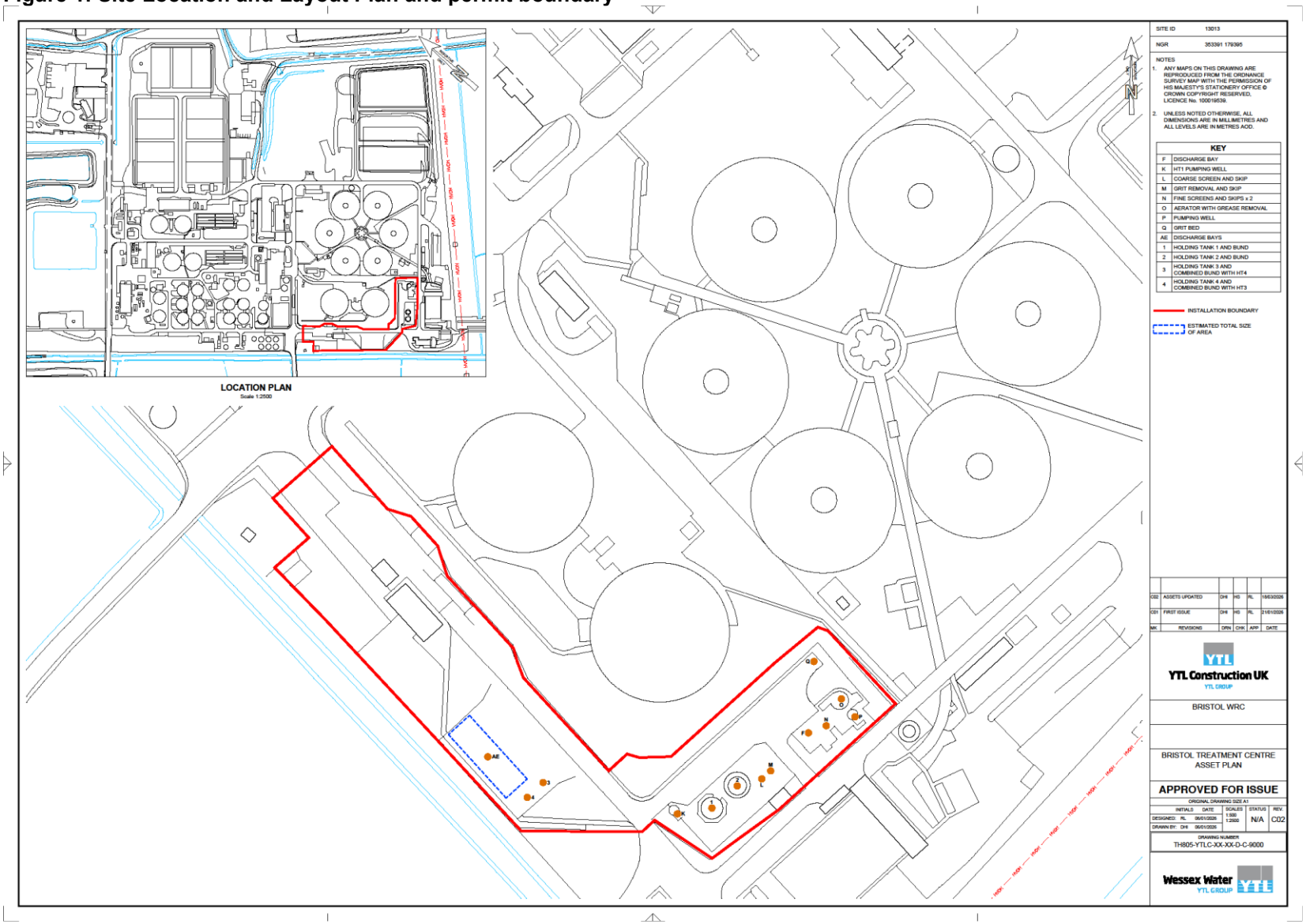
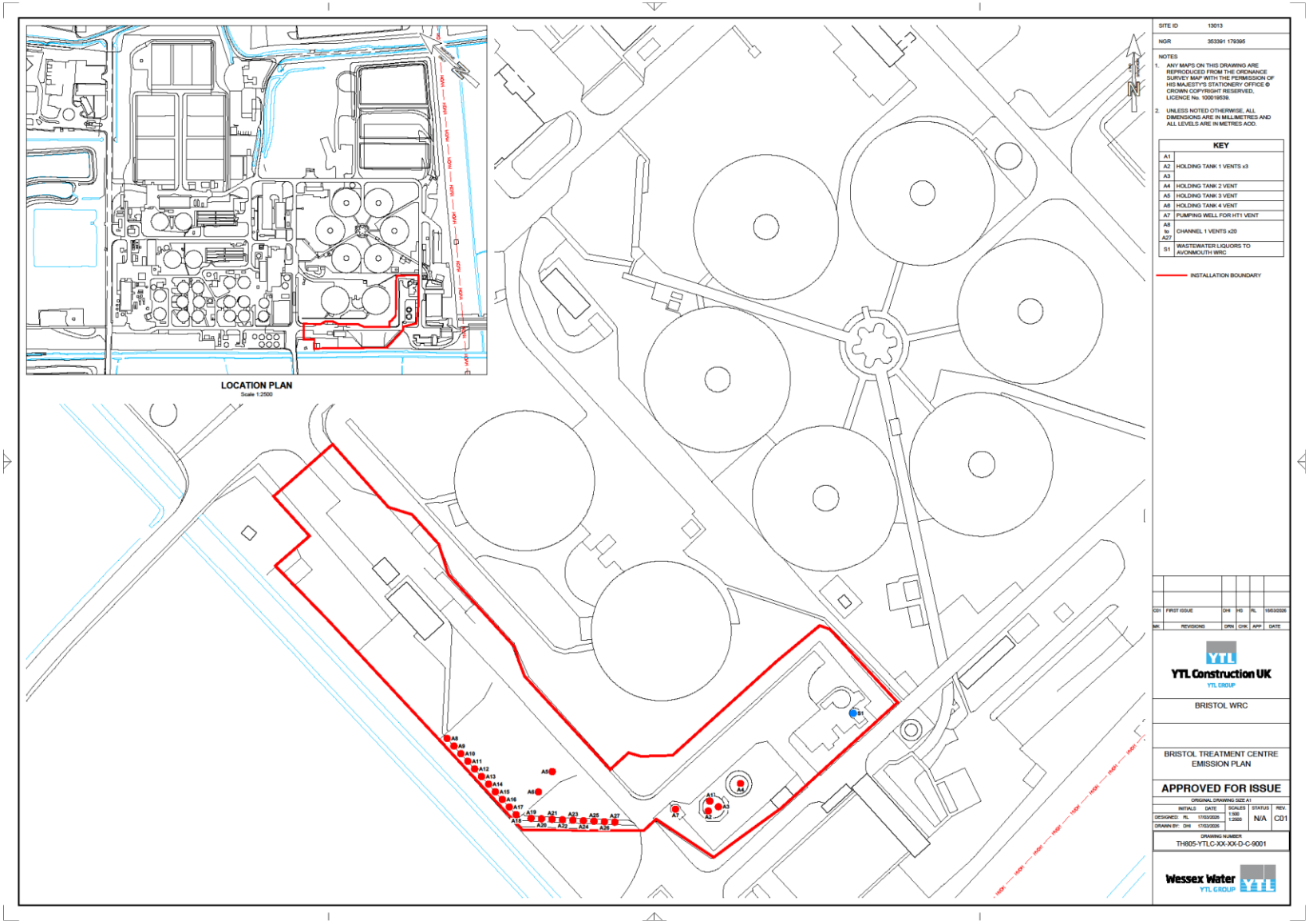


Figure 2: Site Layout Plan including emission points



END OF PERMIT