



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Frogson Waste Management Limited
Parkwood Springs Oil Recovery Facility
20 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA

Variation application number

EPR/WP3731MH/V007

Permit number

EPR/WP3731MH

Parkwood Springs Oil Recovery Facility

Permit number EPR/WP3731MH

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 the following guidance “Chemical waste: appropriate measures for permitted facilities”. “Non-hazardous and inert waste: appropriate measures for permitted facilities” and “Waste electrical and electronic equipment (WEEE): 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 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 non-hazardous waste, providing indicative BAT for those sites.

On 13 July 2022, Waste electrical and electronic equipment (WEEE): 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 waste electrical and electronic equipment (WEEE), providing indicative BAT for those sites.

On 13 July 2022, Waste temperature exchange equipment (WTEE): 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 waste temperature exchange equipment (WTEE), providing indicative BAT for those sites.

This permit variation has been issued to update some of the conditions following a statutory review of the permits in the chemical waste treatment and transfer sector, WEEE treatment and transfer, WTEE treatment and transfer, Non-hazardous treatment and transfer and to implement the appropriate measures guidance. The opportunity has also been taken to consolidate the original permit and subsequent variations where appropriate.

Brief description of the process

The regulated facility comprises:

- treatment of hazardous waste;

- repackaging of hazardous waste;
- temporary storage of hazardous waste;
- container washing;
- washed container crushing;
- raw material storage;
- treatment of non-hazardous waste;
- temporary storage of non-hazardous waste.

Treatment of waste includes:

- recovery of oily waste by gravity settlement and filtration;
- recovery of oily waste by ultrafiltration
- disposal of hazardous aqueous waste by gravity settlement, filtration, pH adjustment and ultrafiltration;
- disposal of non-hazardous aqueous wastes by gravity settlement, filtration, pH adjustment and ultrafiltration;
- washing and crushing of metal and plastic containers.

The following listed activities are conducted at the site:

- Section 5.3 Part A (1)(a)(ii) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.
- Section 5.3 A(1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1
- Section 5.4 Part A (1)(a)(ii) - Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.
- Section 5.6 Part A(1)(a) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

A Waste Operation enables receipt and storage of non-hazardous waste on site to its transfer off-site.

The facility remains under the technical competence of Frogson Waste Management who are now a wholly owned subsidiary of CSG.

Waste oils are accepted on site via drum, tanker or IBC. The site recovers oils using gravity separation and filtration to separate (waste) wet oils, reusable oils, solids, soluble oil and waste waters.

Oils and hazardous liquids are pumped into one of four reception vessels: Waste Mixed Lube Oils, Waste Oil/Waters, Waste Soluble Oils and Engine Oils.

Waste oils are diverted from the reception vessels into a series of tanks for gravity filtration to recover the waste oils. Non-hazardous waste liquids and oils are treated by gravity filtration in separate tanks.

Treatment of liquid waste involves oil and water separation carried out by gravity separation and filtration, with chemical adjustment as needed, to enable recovery of the oil. Waste effluents and aqueous waste are also treated by gravity separation, pH adjustment, filtration and ultrafiltration to facilitate disposal.

Waste oils and sludges are collected in three large tanks, Soluble Oil Tank A, Waste Oil Tank B and Waste Sludge C.

Soluble oils are further treated via the ultrafiltration plant. This consists of a membrane system which separates the effluent waters from the soluble oil which is then diverted to another tank as a recovered fuel oil.

Effluent from the filtration and ultrafiltration treatments flows into the Final Effluent Tank for analysis before passing through two carbon vessels for abatement.

Effluent from the treatment process and surface water drainage, is discharged under consent with Yorkshire Water. Uncontaminated roof water from the workshop is held in a water tank and used for yard washing. Wastewater (contaminated) from the site is discharged via the public main sewer to Blackburn Meadows

Sewage Treatment Works (STW) in accordance with the two existing discharge consents and are subsequently discharged to the River Don.

Empty containers contaminated with hazardous or non-hazardous waste residues are washed with a jet wash to remove residual waste in the drum processing area. Clean containers are then stored prior to reuse on site or transfer offsite for reuse. Residues are pumped back to the treatment plant for treatment prior to discharge to sewer. Some empty containers decontaminated of hazardous or non-hazardous waste residues are crushed for disposal.

Waste oils, other hazardous and non-hazardous wastes are bulked prior to transfer offsite for recovery or disposal. Bulking occurs in the main tank farm for bulk wastes and in the transfer area for packaged wastes.

All tanks are stored on an impermeable surface with sealed drainage systems. The tanks are positioned in a tank farm with a perimeter concrete bund. This bund capacity is at least 110% of the sum of the capacities of the individual containers to be stored in this area.

The installation is located at Douglas Road, Parkwood Springs in Sheffield, South Yorkshire. The centre of the site is situated at National Grid Reference SK 34789 88951. The surrounding area is largely industrial, with some undeveloped land. To the north of the site lies the defunct Sheffield Ski Village. The site lies approximately 2km to the north-north-west of Sheffield city centre. The nearest residential properties are 550m to the North East on Rutland Road. Two Sites of Special Scientific Interest are located within 2 km of the site and are designated for their geological features. Previous assessment by the Agency has indicated that emissions from the installation are unlikely to have a significant impact on any of the designated sites.

Frogson operates to an Environmental Management System (EMS), to comply with the combined requirements of ISO9001, ISO14001 and ISO 45001.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/WP3731MH/A001	Duly made 31/01/2007	--
Additional information received	19/06/2007	--
Additional information received	29/08/2007	--
Permit determined EPR/WP3731MH	28/09/2007	Permit issued to Frogson Waste Management Limited.
Application EPR/WP3731MH/V002 (variation and consolidation)	Duly made 15/09/2010	Application to consolidate permit EPR/WP3731MH with WD20 S655.
Variation determined EPR/WP3731MH	01/03/2011	Varied permit issued.
Application EPR/WP3731MH/V003 (variation)	09/03/2011	Variation application to include three additional waste codes.
Variation determined EPR/WP3731MH	11/03/2011	Varied permit issued.
Pre-application case closed EPR/WP3731MH/V004	01/10/2012	--
Application EPR/WP3731MH/V005 (variation)	20/03/2013	Variation application to increase the permit boundary, amend the site layout and increase the volume of effluent discharged to sewer.
Additional information received	08/07/2013	Confirmation that WEEE will not be treated.

Status log of the permit		
Description	Date	Comments
Additional information received	01/08/2013	Information regarding the flammable store, bunds, site plan and waste lists.
Additional information received	05/08/2013	Updated site plan.
Additional information received	22/08/2013	Information regarding the flammable store and safe operating procedures.
Additional information received	23/09/2013	Updated site plan.
Variation determined EPR/WP3731MH	26/09/2013	Varied permit issued.
Application EPR/WP3731MH/V006 (variation and consolidation)	Duly made 26/04/2018	Application to vary and update the permit to modern conditions.
Additional information received	13/07/2018	Information relating to activity waste codes, tonnages and hazardous codes.
Variation determined EPR/WP3731MH	06/08/2018	Varied permit issued.
Application EPR/WP3731MH/V008 (variation and consolidation)	Duly made 10/11/2023	Application to add new EWC codes to existing activities
Variation determined EPR/WP3731MH	13/02/2024	Varied permit issued
Permit review- Regulation 61 Notice sent to Operator	17/11/2021	Regulation 61 Notice requiring information for statutory review of permit.
Permit review - Regulation 61 Notice response	17/11/2021	Response received from the operator.
Permit Review - Application (variation and consolidation) EPR/WP3731MH/V007	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. Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities published 13 July 2022.
Additional information received in response to the Request for Further Information (RFI) dated 20/08/2024	30/09/2024	Document entitled 'Frogsons – Request for further information 26.08.25 with tracked changes' received in response to questions 1, 2, 3, 4, 5, 6 and 7 of the RFI.
Additional information received in response to the Request for Further Information (RFI) dated 26/08/2025	30/09/2025	Documents received in response to questions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,14, 15, 16 of the RFI. <ul style="list-style-type: none"> • Site plan (Version A) • Plant Schematic (Version A) • Storage and processing capacities
Additional information received in response to the Request for Further Information (RFI) dated 10/10/2025	17/10/2025	Document entitled 'Frogsons – Response to Request for further information 10.10.2025' received in response to questions 1, 2, 3, 4, 5, 6, 7.
Additional information received in response to the Request for	31/10/2025	Document received entitled 'Frogson review of the EWC codes RFI'.

Status log of the permit		
Description	Date	Comments
Further Information (RFI) dated 21/10/2025		
Additional information received in response to the Request for Further Information (RFI) dated 19/11/2025	03/12/2025	Document entitled 'Frogsons – Request for further information 19.11.25' received in response to questions 1, 2, 3, 4, 5, 6, 7,8 and 9. Updated Site Plan 'Sheffield site plan 1125'
Additional information received in response to the Request for Further Information (RFI) dated 05/12/2025	12/12/2025	Email received containing information regarding storage of AR3. Updated site plan 'CSG Sheffield (Frogsons) Site Plan Version A.1'
Additional information received in response to the Request for Further Information (RFI) dated 16/02/2026	23/02/2026	Document entitled 'Frogson Open-topped reception vessel RFI response'
Environment Agency Waste Treatment Sector Review Permit reviewed Variation determined EPR/WP3731MH/V007	02/03/2026	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/WP3731MH

Issued to

Frogson Waste Management Limited (“the operator”)

whose registered office is

**Fusion 3,
1200 Parkway,
Whiteley,
Fareham,
PO15 7AD**

company registration number 01750158

to operate regulated facilities at

**Parkwood Springs Oil Recovery Facility
20 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA**

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

Name	Date
Anne Lloyd	02/03/2026

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/WP3731MH

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/WP3731MH/V007 authorising,

Frogson Waste Management Limited (“the operator”),

whose registered office is

**Fusion 3,
1200 Parkway,
Whiteley,
Fareham,
PO15 7AD**

company registration number 01750158

to operate an installation and waste operations at

**Parkwood Springs Oil Recovery Facility
20 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA**

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

Name	Date
Anne Lloyd	02/03/2026

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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13) 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 AR13) 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 AR13) Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table(s) S2.2, S2.3, S2.4, S2.5, and S2.6; 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 Hazardous waste storage and treatment

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

2.5 Improvement programme

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 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, S3.2 and S3.3;
- (b) process monitoring specified in table S3.4;

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

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

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;

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

3.7 Fire prevention

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

3.7.2 The operator shall:

- (a) 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;
- (b) 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

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

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

4.3 Notifications

4.3.1 In the event:

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

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

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

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

Where the operator is a registered company:

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

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

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

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

In any other case:

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

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

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

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Treatment of aqueous waste to recover oils by gravity separation, filtration and ultrafiltration. R3: Recycling/reclamation of organic substances which are not used as solvents.	<p>From treatment of aqueous and oily wastes by filtration, gravity separation, and chemical adjustment and by ultrafiltration of soluble waste oils in the Ultrafiltration Plant as shown on the plan in Schedule 7 to storage of treated oils prior to transfer off-site for recovery and treatment via AR2 and transfer to final effluent tank prior to discharge to sewer.</p> <p>No more than 800 tonnes per day of hazardous waste shall be treated in aggregate with AR2.</p> <p>The following wastes shall not be blended or mixed:</p> <ul style="list-style-type: none"> wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery. oils where this could negatively affect their regeneration or recycling. wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content. waste to deliberately dilute it. <p>Treatment shall take place in enclosed plant in vented tanks G,3, 4, 5, 6, 8,12, 14 and UF Plant on an impermeable surface with sealed drainage.</p> <p>Treated waste oils shall be stored in Tank 10 as shown on the plan in Schedule 7 prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Table S2.2.</p>
AR2	Section 5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Treatment of hazardous aqueous waste by gravity separation, filtration and ultrafiltration. D9: Physio-chemical treatment of waste prior to any other disposal operation.	<p>From treatment of hazardous aqueous waste by filtration, gravity separation, pH followed by ultrafiltration of aqueous waste in the Ultrafiltration Plant as shown on the plan in Schedule 7 to storage of contaminants such as metal sludge prior to transfer</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>off-site for and storage in final effluent tank prior to discharge to sewer.</p> <p>No more than 800 tonnes per day of hazardous waste shall be treated in aggregate with AR1.</p> <p>The following wastes shall not be blended or mixed:</p> <ul style="list-style-type: none"> wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery. wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content. waste to deliberately dilute it. <p>Treatment shall take place in enclosed plant in vented tanks G, 3, 4, 5, 6, 8, 12, 14 and UF Plant on an impermeable surface with sealed drainage.</p> <p>Treated contaminants shall be stored in tank A shown on the plan in Schedule 7 prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>Treated waste effluents shall be stored in the Final effluent tank shown on the plan in Schedule 7 prior to further treatment in the Ultrafiltration Plant or discharge to sewer.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Table S2.2.</p>
AR3	<p>Section 5.3 A(1)(a)(iv)</p> <p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1.</p>	<p>Repackaging/bulking of hazardous waste.</p> <p>D14: Repackaging prior to submission to any of the operations numbers D1 to D13.</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p> <p>R5: Recycling/reclamation of other inorganic materials.</p>	<p>From receipt of waste to repackaging/bulking of waste.</p> <p>Repackaging is limited to:</p> <p>taking a waste package (for example a bag, jar, drum or box) out of one cart or bulk container (for example a skip) and placing it into another cart or bulk container (for example, a skip)</p> <p>taking a waste package from a cart or bulk container (for example, skip) and placing it onto a pallet or vehicle</p> <p>taking a waste package from a pallet and placing it into a cart or bulk container (for example, skip)</p> <p>transferring, removing or separating waste from its primary packaging (for example container).</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>Wastes that are combined together during repackaging activities shall be materially the same and not change the waste's chemical composition or characteristics.</p> <p>Repackaging shall take place in a dedicated area under cover as agreed under IC8 on an impermeable surface with sealed drainage.</p> <p>Repackaging of waste shall not change either the maximum storage times for waste on site or the amount that can be stored at any one time.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.3.</p>
AR4	Section 5.4 A(1)(a)(ii) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.	Treatment of non-hazardous aqueous waste by gravity separation, filtration and ultrafiltration. D9: Physio-chemical treatment of waste prior to any other disposal operation.	<p>From treatment of non-hazardous aqueous waste by ultrafiltration; and treatment by gravity separation, filtration and ultrafiltration.</p> <p>Treatment to take place in Ultrafiltration Plant.</p> <p>No more than 120 tonnes per day of non-hazardous waste shall be treated.</p> <p>The following wastes shall not be blended or mixed:</p> <ul style="list-style-type: none"> • wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery. • wastes containing Persistent Organic Pollutants (POPs) being mixed solely to generate a mixture below the defined low POPs content. • waste to deliberately dilute it. <p>Treated non-hazardous shall be stored in tanks 6 and 12, and the UF Plant shown on the plan in Schedule 7 prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>Treated contaminants shall be stored in tanks B and C shown on the plan in Schedule 7 prior to transfer off-site on an impermeable surface with sealed drainage for no longer than 6 months.</p> <p>Treated waste effluents shall be stored in the Final effluent tank shown on the plan in Schedule 7 prior to further treatment in the Ultrafiltration Plant or discharge to sewer.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.4.
AR5	Section 5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.	Treatment of hazardous waste containers. R4: Recycling/reclamation of metals and metal compounds. R5: Recycling/reclamation of other inorganic materials.	<p>Washing of packaging and containers arising from hazardous waste storage and treatment operations.</p> <p>Containers shall be nominally empty of their waste contents prior to washing.</p> <p>The washing of containers shall not result in:</p> <ul style="list-style-type: none"> • a reaction of the washed-out wastes with the washing fluid. • a reaction of the washed-out wastes with each other. • a reaction with the container or vessel into which the washings are being drained. • the release of volatile organic compounds. <p>No more than 10 tonnes per day of waste shall be treated.</p> <p>Treated waste containers shall be stored prior to transfer off-site and wastewaters stored prior to treatment in Activities AR1 and AR2 on an impermeable surface with sealed drainage for no longer than 6 months.</p>
AR6	Section 5.6 A(1)(a)(i) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.	<p>Temporary storage of hazardous wastes.</p> <p>R13 Temporary storage of wastes pending any other recovery operation (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>D15 Temporary storage of waste pending any of the operations numbers D1 to D14 (excluding temporary storage, pending collection. On the site where it is produced).</p>	<p>From receipt and storage of hazardous waste on site to its treatment on site; or its transfer off-site.</p> <p>The amount of hazardous waste stored on site at any one time shall not exceed 1062 tonnes (904 tonnes in storage tanks, 158 tonnes containerised waste).</p> <p>Storage of hazardous wastes (including WEEE) shall be for no longer than 6 months from receipt to treatment on-site or dispatch off-site.</p> <p>Aerosol canisters shall be securely stored under cover in well-ventilated containers, and within a caged storage area. Up to 3 cubic metres of aerosol containers shall only be stored for up to 3 months.</p> <p>There shall be no more than 5 tonnes of EWC waste codes 16 05 04* and 16 05 05 in <i>Flammable Store 1</i> at any one time. Limit in aggregate with <i>Flammable Store 1</i> limit in AR14.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>There shall be no more than 10 tonnes EWC waste codes 16 02 09* and 16 02 10* stored at any one time.</p> <p>Hazardous wastes stored in Flammable Store 2 shall be limited to 13 07 02* and 13 07 03* where the flash point is <55°C.</p> <p>No more than 10 tonnes of WEEE shall be stored on site at any one time in aggregate with AR14.</p> <p>Lamps shall be stored in rigid lidded, leakproof and weatherproof containers to prevent breakage.</p> <p>All batteries shall be stored in either appropriate weatherproof containers, or in appropriate containers within a building on an impermeable surface with a sealed drainage system.</p> <p>Lead acid batteries shall be stored upright with terminals taped off or capped, in acid proof containers to prevent leaks and short circuits.</p> <p>Asbestos waste shall be stored double bagged or wrapped, in sealed, closed and locked containers. Asbestos waste shall not be stored loose in bays and shall not be transferred between different skips or containers.</p> <p>Mechanical equipment, for example loading shovels, chutes and conveyors shall not be used to move asbestos waste.</p> <p>Wastes shall be stored in tanks A, B, C, 1, 2, 7, 9, 10, 11, 13, 15, 16, 17, 18 and the UF Feed tank, and in waste storage bays on an impermeable surface with sealed drainage as shown at the locations identified on site plan in Schedule 7.</p> <p>All other wastes shall be stored on site for no longer than 6 months.</p> <p>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.2, S2.3 and S2.5.</p>
Directly Associated Activity			
AR7	Storage of non-hazardous waste	Temporary storage of non-hazardous waste prior to treatment.	From the receipt of non-hazardous waste prior to treatment in Activity AR4 only. Waste accepted under 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
		D15 Temporary storage of waste pending any of the operations numbers D1 to D14 (excluding temporary storage, pending collection. On the site where it is produced).	AR7 shall not be otherwise blended or mixed, repackaged or transferred off-site. The amount of non-hazardous waste stored on site at any one time shall not exceed 200 tonnes. Wastes shall be stored in tanks B and C, and the Final Effluent Tank, and storage bays 4 to 9 on an impermeable surface with sealed drainage as shown at the locations identified in the site plan in Schedule 7. All wastes shall be stored on site for no longer than 6 months. No waste types shall be submitted to this activity other than those hazardous wastes specified in schedule 2, table S2.4
AR8	Surface water collection and storage	Collection and storage of uncontaminated roof and site surface water in an attenuation tank.	From the collection of uncontaminated roof and site surface water from non-operational areas only to re-use to wash down the site or discharge off-site.
AR9	Effluent storage and abatement	Effluent storage and abatement D9 Physio-chemical treatment of waste prior to any other disposal operation.	Collection and storage of process effluent in holding tank (Final effluent tank) prior to discharge to Yorkshire Water Blackburn Meadows Sewage Treatment Works. Holding tank (Final Effluent Tank) discharges to sewer via two carbon vessels (C1 and C2) and oil/water interceptors.
AR10	Raw material handling and storage.	Raw material handling and storage.	From receipt and storage to point of use.
AR11	Treatment of non-hazardous waste containers.	Washing of non-hazardous waste containers. R4 Recycling/reclamation of metals and metal compounds. R5 Recycling/reclamation of other inorganic materials.	Washing of packaging arising from non-hazardous waste treatment operations (AR4). Containers shall be nominally empty of their waste contents prior to washing. The washing of containers shall not result in: <ul style="list-style-type: none"> • a reaction of the washed-out wastes with the washing fluid. • a reaction of the washed-out wastes with each other. • a reaction with the container or vessel into which the washings are being drained. • the release of volatile organic compounds No more than 10 tonnes per day of waste shall be treated.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>Washing of non-hazardous waste containers shall take place on an impermeable surface and a sealed drainage system.</p> <p>Treated waste containers shall be stored prior to transfer off-site and wastewaters stored prior to treatment in Activity AR4 on an impermeable surface with sealed drainage for no longer than 6 months.</p>
AR12	Treatment of washed hazardous waste containers.	<p>Crushing of treated waste containers.</p> <p>R4 Recycling/reclamation of metals and metal compounds.</p> <p>R5 Recycling/reclamation of other inorganic materials.</p>	<p>Crushing of washed packaging arising from hazardous waste treatment operations.</p> <p>No more than 10 tonnes per day of waste shall be treated.</p> <p>Storage of crushed containers will be within a skip, on an impermeable surface with sealed drainage, prior to off-site transfer for no longer than 6 months.</p>
AR13	Treatment of washed non-hazardous waste containers.	<p>Crushing of treated waste containers.</p> <p>R4 Recycling/reclamation of metals and metal compounds.</p> <p>R5 Recycling/reclamation of other inorganic materials.</p>	<p>Crushing of washed packaging arising from non-hazardous waste treatment operations.</p> <p>No more than 10 tonnes per day of waste shall be treated.</p> <p>Storage of crushed containers will be within a skip, on an impermeable surface with sealed drainage, prior to off-site transfer for no longer than 6 months.</p>
Waste Operations			
Activity reference	Description of activities for waste operations	Limits of activities	
AR14	<p>Storage of non-hazardous waste</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>From receipt and storage of non-hazardous waste on site to its transfer off-site.</p> <p>The amount of non-hazardous waste stored on site at any one time shall not exceed 200 tonnes.</p> <p>There shall be no more than 5 tonnes of waste stored of codes 16 05 04* and 16 05 05 in Flammable Store 1. Limit in aggregate with Flammable Store 1 limit in AR6.</p> <p>All non-hazardous waste shall be stored undercover.</p> <p>Waste shall be stored in storage bays 4 to 9 on impermeable surfacing with sealed drainage.</p> <p>Waste shall not be stored in vehicles or vehicle trailers, unless they are being received for immediate offloading or prepared for imminent transfer (that is, they will be removed from site within 24 hours, or 72 hours if over a weekend).</p> <p>No more than 10 tonnes of WEEE shall be stored on site at any one time in aggregate with AR6.</p> <p>Lamps shall be stored in rigid lidded, leakproof and weatherproof containers to prevent breakage.</p>	

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		<p>The storage capacity for lamps shall not exceed 5 tonnes at any one time.</p> <p>No more than 50 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site.</p> <p>All wastes shall be stored on site for no longer than 6 months.</p> <p>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.</p> <p>No waste types shall be submitted to this activity other than those non-hazardous wastes specified in schedule 2, table S2.6.</p>	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application reference WP3731MH	<p>The response to questions 2.1.4 to 2.1.24 and 2.2 given in pages 14-33.</p> <p>ASR Appendix C4 – process diagram for filtration and ultra-filtration plant.</p> <p>Appendix 3 ‘Process Descriptions’.</p> <p>Appendix 4 ‘Process Flow Block Diagrams’.</p> <p>Appendix 8 ‘Accident Management Plan’ of the Application.</p>	31/01/2007
Response to request for additional information to the application dated 23/04/07	<p>Response to questions 8, 9, 10 and 11: describing procedures associated with process control.</p> <p>Response to question 12: Infrastructure and capacity of storage areas and tanks.</p> <p>Response to question 14: Storage of raw materials.</p> <p>Response to question 15: Confirmation that the relevant units for Application pro-forma question B2.1.11 is litres.</p> <p>Response to question 16: Site infrastructure, capacity of storage areas and tanks.</p> <p>Response to question 22: Site drainage plans.</p> <p>Response to question 26: Soakaway only receives uncontaminated roof-water.</p> <p>Response to question 30: Details of discharge to foul sewer (S1) and spring water (W1).</p>	19/06/2007

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Response to questions 33 and 35: Incompatible wastes are not stored together.	
Submission under IC3: Procedure for inspection and maintenance of drainage system dated 27/03/08	All	31/03/2008
Submission under IC7: Site Closure Plan	All	30/01/2009
Variation application EPR/WP3731MH/V002	Parts a), d) and f) listed in the Non-Technical Summary including the supporting documents referred to in these parts.	16/08/2010
Response to request for information dated 17/01/11	Standard Operating Procedures, Risk Assessments and Pre-operational measures listed in Parts 1, 2, 3 of response to information request.	07/02/2011
Application	FWM 7b 'Operational Process Overview'.	20/03/2013
Additional information in response to request dated 01/05/13	Response to Appendix 5 ('Specific questions for the hazardous and non-hazardous waste recovery and disposal sector') of Part C3 of the application form ('Form C3 eprwp3731mh v005 v2'). FWM 2 'Non-Technical Summary'. FWM 7 'Technical Summary'. FWM 7c 'Flow Chart Tank Farm and Operations V2'.	17/05/2013
Additional information in response to request dated 04/07/13	Response to question confirming that waste electrical and electronic equipment will not be treated.	08/07/2013
Response to Schedule 5 Notice dated 17/06/13	Responses to question 1 (flammable store), question 2 (bunds), question 3 (site plan), and questions 8, 9 and (waste list).	01/08/2013
Additional information in response to request dated 07/08/13	Responses to question 1 (flammable store) and question 2 (SOP 11 – 'Safe Operating Procedures – Repacking and Inspection of Dusty and WEEE Goods').	22/08/2013
Additional information	Overarching site plan (Drawing Number A_EA_01 Revision H).	23/09/2013
Additional information	Document C2.5c – Non-technical Summary Document C2.2b – Storage of waste	18/08/2023
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply other than: <ul style="list-style-type: none">those parts to which an improvement programme requirement applies in Table S1.3 (and only until the	15/11/2021

Table S1.2 Operating techniques		
Description	Parts	Date Received
	date that the improvement has been or must be met, whichever is the earlier);	
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);	N/A
Waste electrical and electronic equipment (WEEE): appropriate measures for permitted facilities. Version published 13 July 2022	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);	N/A
Waste temperature exchange equipment (WTEE): appropriate measures for permitted facilities Version published 13 July 2022	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);	N/A
Additional information	<p>Additional information received as part of a Request for information</p> <p>2a. "Any washing would be done in the Tanker Washout Area."</p> <p>2d. "Containers that may give rise to emissions are not washed on site; instead, they are sent to a suitably abated external facility for processing."</p> <p>5. Batch process - one waste treatment stream discharged at one time. Occasions when mixing of effluent may occur in the effluent holding tank, Final Effluent Tank. Mixing of effluent may also occur in any of the tanks prior to the Final Effluent tanks.</p> <p>6. If effluent is outside of the discharge consent limits it will be sent back into the plant for further treatment.</p> <p>12. The effluent is temporarily stored in the final tank before discharge, having been pre-tested to meet consent parameters. Non-compliant effluent is diverted to the treatment plant.</p> <p>15. Sludge storage:</p> <ul style="list-style-type: none"> • Plant Schematic (Version A) • Storage and processing capacities 	30/09/2025

Table S1.2 Operating techniques		
Description	Parts	Date Received
Additional information	Document received entitled 'Frogson review of the EWC codes RFI'.	31/10/2025
Additional information	Document entitled 'Frogsons – Request for further information 19.11.25' received in response to questions 1, 2, 3, 4, 5, 6, 7,8.	03/12/2025
Additional information	Email received containing information regarding storage of AR3.	12/12/2025
Additional information	Document entitled 'Frogson Open-topped reception vessel RFI response'	23/02/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1 Waste storage, segregation and handling procedures	<p>The operator shall review and update their waste storage, segregation and handling procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met for the storage/treatment tanks, for example:</p> <p>4.11. <i>You must not store hazardous waste in open-topped containers. Empty open-topped containers should be kept in a building or undercover to prevent rainwater ingress.</i></p> <p>4.43. <i>You should vent bulk storage tanks and silos through suitable abatement.</i></p> <p>4.52. <i>As a general rule, you must not use open topped tanks, containers, vessels or pits to store or treat hazardous or liquid wastes.</i></p> <p>4.71 to 4.77 measures relating to aerosol storage.</p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	02/03/2027
IC2 Waste treatment procedures	<p>The operator shall review and update their waste treatment procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met:</p> <p>5.1.10. <i>Where an emission is expected, all treatment or reactor vessels must be enclosed. Only vent them to the atmosphere via an appropriate scrubbing and abatement system (subject to explosion relief).</i></p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	02/03/2027

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC3 Emissions control procedures	<p>The operator shall review and update their emissions control procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2. Specifically, the operator must demonstrate that the following appropriate measure(s) of the guidance will be met for the storage/treatment tanks, for example:</p> <p>6.1.1. <i>You must contain storage tanks, silos and waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release.</i></p> <p>6.2.2. <i>You must design, operate and maintain storage and treatment plant in a way that prevents fugitive emissions to air, including dust, organic compounds and odour. Where that is not possible, you must minimise these emissions.</i></p> <p><i>Storage and treatment plant includes associated equipment and infrastructure</i></p> <p><i>such as:</i></p> <ul style="list-style-type: none"> ● shredders ● conveyors ● skips or containers ● building fabric, including doors and windows ● pipework and ducting <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	02/03/2027
IC4 Process efficiency procedures	<p>The operator shall review and update their process efficiency procedures to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.</p> <p>A copy of the updated procedure(s) shall be submitted to the Environment Agency for approval.</p>	02/09/2026
IC5 Updated emissions inventory and H1 risk assessment (air and sewer)	<p>The operator shall submit a written report to the Environment Agency for assessment and written approval as required by section 6.1, 6.4 and 7.1 and 7.2 of Chemical waste: appropriate measures for permitted facilities.</p> <p>The emissions inventory must include information about the relevant characteristics of point source emissions to air and sewer.</p> <p>6.1.2: <i>"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."</i></p> <p>6.2.3: <i>"You must make an assessment of the fate and impact of the substances emitted to air, following the Environment Agency's air emissions risk assessment methodology."</i></p> <p>7.1.1: <i>"Your facility's emissions inventory must include information about the relevant characteristics of point source emissions to air..."</i></p>	<p>Submission of written report detailing monitoring and assessment results and further proposals</p> <p>02/09/2026</p>

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>6.4.1: “You must identify the main chemical constituents of the site’s point source emissions to water and sewer as part of the site’s inventory of emissions.”</p> <p>6.4.2: “You must assess the fate and impact of the substances emitted to water and sewer following the Environment Agency’s risk assessment guidance.”</p> <p>The report must include:</p> <ul style="list-style-type: none"> (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, Tables S3.1 and S3.3 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: ‘Surface water pollution risk assessment for your environmental permit’ and ‘Air emissions risk assessment for your environmental permit - GOV.UK’ <p>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:</p> <ul style="list-style-type: none"> a) Review whether there is a need for emissions limits to be lower than the limits listed in Schedule 3, Tables S3.1 and S3.3 in order to prevent exceedance of environmental standards. 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. <p>The proposals shall be implemented within 6 months of approval of the report or as agreed in writing by the Environment Agency.</p>	
IC6 Monitoring viability for oil gravity separation	<p>The operator shall submit a written report to the Environment Agency for approval to demonstrate the viability of monitoring emissions to air to the standards required by condition 3.5.1, Table S3.1 from process treatment tanks that undertake gravity separation.</p> <p>The report shall:</p> <ul style="list-style-type: none"> a. Review techniques for representative monitoring of Total Volatile Organic Compounds (TVOCs) discharged from emission points/vents on treatment tanks in accordance with MCERTs accredited standards in line with requirements Environment 	02/09/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>Agency guidance '<u>Monitoring emissions to air, land and water (MCERTS) - GOV.UK</u>'.</p> <p>b. Include an assessment of the emission parameters including, but not limited to, an assessment of flow (e.g. m³/s), load (e.g. kg/hr) and concentration (e.g. mg/m³) for each pollutant released from the listed emission points, during all stages of the treatment process where emissions may be expected including tank filling.</p> <p>c. Conclude via evidence and justification if emission parameters (e.g. flow) during all stages of the treatment process where emissions may be expected are sufficient to undertake MCERTS monitoring of emissions to the standards required in Table S3.1.</p> <p>d. Review measures to improve the monitoring points in the event it is concluded there is sufficient emissions/flow to monitor the emission during all or specific stage of the treatment process, but the monitoring/emission point does not meet the required specification for monitoring to take place.</p> <p>e. Outline timescales for improving monitoring points if required and the commencement of monitoring.</p> <p>The operator shall carry out the monitoring subject to the completion of this Improvement Condition as agreed within the Environment Agency.</p>	
IC7a enclosure, extraction and collection and/or Abatement system	<p>The operator shall submit a plan to the Environment Agency for approval as required by sections 4 and 6.1 of Chemical waste: appropriate measures for permitted facilities, for example:</p> <p>6.1.1: <i>"You must contain storage tanks, silos and waste treatment plant (including shredders) to make sure you collect, extract and direct all process emissions to an appropriate abatement system for treatment before release"</i>.</p> <p>for the enclosure, extraction and collection installation and maintenance and operation of an abatement system for the reduction of e.g. VOCs from the oil storage and treatment tanks on site.</p> <p>The plan shall detail:</p> <ul style="list-style-type: none"> • the design of the abatement system; • the monitoring measures in place for; <ul style="list-style-type: none"> - optimising and maintaining the operation. - optimising performance of the [carbon filters/bag; filters/other abatement for example wet; scrubbers]; - identifying optimal regeneration or replacement; • The timescale for implementation. <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>	02/09/2026
IC7b Abatement system	<p>The agreed abatement system(s) approved under IC7a shall be installed and operated in accordance with the Environment Agency's written approval.</p>	6 months from approval of abatement system plan in accordance with IC7a.
IC8	<p>The operator shall submit a written report to the environment agency for approval demonstrating that the repackaging activity (AR3) will</p>	02/09/2026

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
Waste repackaging	<p>comply with the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.</p> <p>Specifically, the operator must demonstrate that the following appropriate measures of the guidance will be met:</p> <p>4.86: <i>'Repackaging or mixing must only take place in a dedicated area or store which has the plant and equipment needed to deal with the specific risks of that process. For example, this could include abatement or local exhaust ventilation.'</i></p> <p>The report shall contain details of any improvements needed to meet the requirements of the guidance, an implementation plan and timescales for implementation.</p> <p>The operator shall implement the improvements to the approved timescales as agreed in writing by the Environment Agency.</p>	
IC9 Update site plan	<p>The operator shall review and update their site plan to include the information below:</p> <ul style="list-style-type: none"> • A boundary line accurately and clearly identified in GREEN which encompasses the permitted area of your site. • Identify other geographic features (roads, rivers etc.). • Have a scale indicator and OS NGR indicated. • Emission and sampling points (to air, water and land where applicable) clearly shown. • Surfacing types. • Buildings (with any internal storage areas identified). • Storage bays, tanks, skips or any other designated storage areas. • Treatment plant. • Quarantine area. • Entrances and exits to be used by emergency services. <p>A copy of the updated plan shall be submitted to the Environment Agency in writing for approval.</p>	3 months from the completion date of IC7b.

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
--	--

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 11*	wastes from cleaning of fuels with bases
7	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	aqueous washing liquids and mother liquors
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 03	wastes from MFSU of printing inks
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 17*	rosin oil
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy

Table S2.2 Permitted waste types and quantities for the treatment of hazardous aqueous waste by oil separation (AR1), and treatment of hazardous effluents (AR2) by gravity separation, filtration and ultrafiltration and storage of hazardous waste prior to treatment on site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 11*	aqueous rinsing liquids containing hazardous substances
11 01 13*	degreasing wastes containing hazardous substances
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 14*	machining sludges containing hazardous substances
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils

Table S2.2 Permitted waste types and quantities for the treatment of hazardous aqueous waste by oil separation (AR1), and treatment of hazardous effluents (AR2) by gravity separation, filtration and ultrafiltration and storage of hazardous waste prior to treatment on site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 02*	other emulsions
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)

Table S2.2 Permitted waste types and quantities for the treatment of hazardous aqueous waste by oil separation (AR1), and treatment of hazardous effluents (AR2) by gravity separation, filtration and ultrafiltration and storage of hazardous waste prior to treatment on site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
16 01 14*	antifreeze fluids containing hazardous substances
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other hazardous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing hazardous substances
16 10 03*	aqueous concentrates containing hazardous substances
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 01	wastes from incineration or pyrolysis of waste
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 07	landfill leachate
19 07 02*	landfill leachate containing hazardous substances
19 08	wastes from waste water treatment plants not otherwise specified
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes
19 11 05*	sludges from on-site effluent treatment containing hazardous substances
19 13	wastes from soil and groundwater remediation
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances
20	
20 01	separately collected fractions (except 15 01)
20 01 29*	detergents containing hazardous substances

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
2	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 08*	agrochemical waste containing hazardous substances
3	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances
4	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	wastes from the textile industry
04 02 14*	wastes from finishing containing organic solvents
04 02 19*	sludges from on-site effluent treatment containing hazardous substances
5	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 02*	desalter sludges
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing hazardous substances
05 01 11*	wastes from cleaning of fuels with bases
6	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides
06 13 02*	spent activated carbon (except 06 07 02)
7	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 07*	halogenated still bottoms and reaction residues
07 01 08*	other still bottoms and reaction residues
07 01 09*	halogenated filter cakes and spent absorbents
07 01 10*	other filter cakes and spent absorbents
07 01 11*	sludges from on-site effluent treatment containing hazardous substances
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	aqueous washing liquids and mother liquors
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 02 07*	halogenated still bottoms and reaction residues
07 02 08*	other still bottoms and reaction residues
07 02 09*	halogenated filter cakes and spent absorbents
07 02 10*	other filter cakes and spent absorbents
07 02 11*	sludges from on-site effluent treatment containing hazardous substances
07 02 14*	wastes from additives containing hazardous substances
07 02 16*	waste containing hazardous silicones
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 03 09*	halogenated filter cakes and spent absorbents
07 03 10*	other filter cakes and spent absorbents
07 03 11*	sludges from on-site effluent treatment containing hazardous substances
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 03*	organic halogenated solvents, washing liquids and mother liquors

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
07 04 04*	other organic solvents, washing liquids and mother liquors
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 04 09*	halogenated filter cakes and spent absorbents
07 04 10*	other filter cakes and spent absorbents
07 04 11*	sludges from on-site effluent treatment containing hazardous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 03*	organic halogenated solvents, washing liquids and mother liquors
07 05 04*	other organic solvents, washing liquids and mother liquors
07 05 07*	halogenated still bottoms and reaction residues
07 05 08*	other still bottoms and reaction residues
07 05 09*	halogenated filter cakes and spent absorbents
07 05 10*	other filter cakes and spent absorbents
07 05 11*	sludges from on-site effluent treatment containing hazardous substances
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
07 06 07*	halogenated still bottoms and reaction residues
07 06 08*	other still bottoms and reaction residues
07 06 09*	halogenated filter cakes and spent absorbents
07 06 10*	other filter cakes and spent absorbents
07 06 11*	sludges from on-site effluent treatment containing hazardous substances
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
07 07 07*	halogenated still bottoms and reaction residues
07 07 08*	other still bottoms and reaction residues
07 07 09*	halogenated filter cakes and spent absorbents

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
07 07 10*	other filter cakes and spent absorbents
07 07 11*	sludges from on-site effluent treatment containing hazardous substances
8	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 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 03	wastes from MFSU of printing inks
08 03 12*	waste ink containing hazardous substances
08 03 14*	ink sludges containing hazardous substances
08 03 16*	waste etching solutions
08 03 17*	waste printing toner containing hazardous substances
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 04 11*	adhesive and sealant sludges containing organic solvents or other hazardous substances
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
9	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 04*	oil fly ash and boiler dust
10 01 13*	fly ash from emulsified hydrocarbons used as fuel
10 01 16*	fly ash from co-incineration containing hazardous substances
10 01 18*	wastes from gas cleaning containing hazardous substances
10 01 20*	sludges from on-site effluent treatment containing hazardous substances
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances
10 09	wastes from casting of ferrous pieces
10 09 09*	flue-gas dust containing hazardous substances
10 09 13*	waste binders containing hazardous substances
10 10	wastes from casting of non-ferrous pieces
10 10 09*	flue-gas dust containing hazardous substances
10 10 13*	waste binders containing hazardous substances
10 11	wastes from manufacture of glass and glass products
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 13*	glass-polishing and -grinding sludge containing hazardous substances
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 09*	solid wastes from gas treatment containing hazardous substances
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 09*	sludges and filter cakes containing hazardous substances
11 01 11*	aqueous rinsing liquids containing hazardous substances
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing hazardous substances
11 01 16*	saturated or spent ion exchange resins

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
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 12*	spent waxes and fats
12 01 14*	machining sludges containing hazardous substances
12 01 16*	waste blasting material containing hazardous substances
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01*	hydraulic oils, containing PCBs
13 01 04*	chlorinated emulsions
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 02*	petrol
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 01*	chlorofluorocarbons, HCFC, HFC
14 06 03*	other solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents
14 06 05*	sludges or solid wastes containing other solvents
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 14*	antifreeze fluids containing hazardous substances
16 02	wastes from electrical and electronic equipment
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 15*	hazardous components removed from discarded equipment
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing hazardous substances
16 03 05*	organic wastes containing hazardous substances
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 02	wood, glass and plastic
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
17 03	bituminous mixtures, coal tar and tarred products

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
17 03 01*	bituminous mixtures containing coal tar
17 03 03*	coal tar and tarred products
17 04	metals (including their alloys)
17 04 09*	metal waste contaminated with hazardous substances
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances
17 05 07*	track ballast containing hazardous substances
17 06	insulation materials and asbestos-containing construction materials
17 06 03*	other insulation materials consisting of or containing hazardous substances
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 10*	spent activated carbon from flue-gas treatment
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing hazardous substances
19 02 08*	liquid combustible wastes containing hazardous substances
19 08	wastes from waste water treatment plants not otherwise specified
19 08 06*	saturated or spent ion exchange resins
19 08 08*	membrane system waste containing heavy metals
19 08 11*	sludges containing hazardous substances from biological treatment of industrial waste water
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
20	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
20 01	wastes from incineration or pyrolysis of waste
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S2.3 Permitted waste types and quantities for the repackaging/bulking up of hazardous waste (AR3) and storage of hazardous waste prior to treatment on site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
20 01 29*	detergents containing hazardous substances
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 37*	wood containing hazardous substances

Table S2.4 Permitted waste types and quantities for the treatment of non-hazardous waste by gravity separation, filtration and ultra-filtration (AR4) and temporary storage of non-hazardous waste prior to treatment in Activity AR4 only (AR7).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
1	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
2	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 09	agrochemical waste other than those mentioned in 02 01 08
8	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 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 02	aqueous sludges containing ceramic materials

Table S2.4 Permitted waste types and quantities for the treatment of non-hazardous waste by gravity separation, filtration and ultra-filtration (AR4) and temporary storage of non-hazardous waste prior to treatment in Activity AR4 only (AR7).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
08 02 03	aqueous suspensions containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 08	aqueous liquid waste containing ink
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
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 26	wastes from cooling-water treatment
10 03	wastes from aluminium thermal metallurgy
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06	wastes from copper thermal metallurgy
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 10	wastes from casting of non-ferrous pieces
10 10 14	waste binders other than those mentioned in 10 10 13
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	degreasing wastes other than those mentioned in 11 01 13

Table S2.4 Permitted waste types and quantities for the treatment of non-hazardous waste by gravity separation, filtration and ultra-filtration (AR4) and temporary storage of non-hazardous waste prior to treatment in Activity AR4 only (AR7).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.
Waste code	Description
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
16 03 06	organic wastes other than those mentioned in 16 03 05
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
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 07	landfill leachate
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	wastes from waste water treatment plants not otherwise specified
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 06	solutions and sludges from regeneration of ion exchangers
19 13	wastes from soil and groundwater remediation
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 30	detergents other than those mentioned in 20 01 29

Table S2.5 Permitted waste types and quantities for the storage of hazardous waste prior to treatment on site or transfer off site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP2, HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP13 and HP14 only.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous substances
5	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 02*	desalter sludges
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing hazardous substances
05 01 11*	wastes from cleaning of fuels with bases
7	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 08*	other still bottoms and reaction residues
07 01 11*	sludges from on-site effluent treatment containing hazardous substances
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	aqueous washing liquids and mother liquors
07 02 08*	other still bottoms and reaction residues
07 02 11*	sludges from on-site effluent treatment containing hazardous substances
07 02 14*	wastes from additives containing hazardous substances
07 02 16*	waste containing hazardous silicones
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 03 11*	sludges from on-site effluent treatment containing hazardous substances
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

Table S2.5 Permitted waste types and quantities for the storage of hazardous waste prior to treatment on site or transfer off site (AR6).

Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP2, HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP13 and HP14 only.
Waste code	Description
07 04 08*	other still bottoms and reaction residues
07 04 11*	sludges from on-site effluent treatment containing hazardous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 08*	other still bottoms and reaction residues
07 05 11*	sludges from on-site effluent treatment containing hazardous substances
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 08*	other still bottoms and reaction residues
07 06 11*	sludges from on-site effluent treatment containing hazardous substances
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 07*	halogenated still bottoms and reaction residues
07 07 08*	other still bottoms and reaction residues
8	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
08 01 13*	sludges from paint or varnish containing organic solvents or other hazardous substances
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other hazardous substances
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances
08 03	wastes from MFSU of printing inks
08 03 14*	ink sludges containing hazardous substances
08 03 16*	waste etching solutions
9	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 03*	solvent-based developer solutions
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)

Table S2.5 Permitted waste types and quantities for the storage of hazardous waste prior to treatment on site or transfer off site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP2, HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP13 and HP14 only.
Waste code	Description
10 01 20*	sludges from on-site effluent treatment containing hazardous substances
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 15*	eluate and sludges from membrane systems or ion exchange systems containing hazardous substances
11 01 16*	saturated or spent ion exchange resins
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01*	hydraulic oils, containing PCBs
13 01 04*	chlorinated emulsions
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 07	wastes of liquid fuels
13 07 02*	petrol
14	Waste organic solvents, refrigerants and propellants (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents
14 06 05*	sludges or solid wastes containing other solvents
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing

Table S2.5 Permitted waste types and quantities for the storage of hazardous waste prior to treatment on site or transfer off site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP2, HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP13 and HP14 only.
Waste code	Description
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	Wastes not otherwise specified in the list
16 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 07*	oil filters
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing hazardous substances
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing hazardous substances
16 03 05*	organic wastes containing hazardous substances
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
17 04	metals (including their alloys)
17 04 09*	metal waste contaminated with hazardous substances
17 06	insulation materials and asbestos-containing construction materials
17 06 03*	other insulation materials consisting of or containing hazardous substances
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 05*	sludges from physico/chemical treatment containing hazardous substances
19 02 08*	liquid combustible wastes containing hazardous substances
19 08	wastes from waste water treatment plants not otherwise specified
19 08 06*	saturated or spent ion exchange resins
19 08 08*	membrane system waste containing heavy metals

Table S2.5 Permitted waste types and quantities for the storage of hazardous waste prior to treatment on site or transfer off site (AR6).	
Maximum quantity	The maximum annual throughput of waste for the site shall not exceed 92,500 tonnes per year in aggregate for all activities apart from AR14 in table S1.1.
Exclusions	Hazard codes HP2, HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP10, HP11, HP13 and HP14 only.
Waste code	Description
19 08 11*	sludges containing hazardous substances from biological treatment of industrial waste water
19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
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 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 19*	pesticides
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
20 01 29*	detergents containing hazardous substances

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
1	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
2	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 04	waste plastics (except packaging)
02 01 09	agrochemical waste other than those mentioned in 02 01 08

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
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 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 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 03	sludges from on-site effluent treatment
4	Wastes from the leather, fur and textile industries
04 02	wastes from the textile industry
04 02 10	organic matter from natural products (for example grease, wax)
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
5	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 14	wastes from cooling columns
05 01 17	bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 04	waste from cooling columns
6	Wastes from inorganic chemical processes
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
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
7	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

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	waste containing silicones other than those mentioned in 07 02 16
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
8	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges 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 03 18	waste printing toner other than those mentioned in 08 03 17

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
9	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
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 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 15	other sludges and filter cakes
10 08	wastes from other non-ferrous thermal metallurgy
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 14	waste binders other than those mentioned in 10 09 13
10 10	wastes from casting of non-ferrous pieces
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 14	waste binders other than those mentioned in 10 10 13
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
10 11 12	waste glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 03	particulates and dust
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 05	gases in pressure containers and discarded chemicals
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01

Table S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
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 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
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 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 S2.6 Permitted waste types and quantities for the storage of non-hazardous waste (AR14).	
Maximum quantity	The total quantity of wastes accepted under this activity (AR14) shall not exceed 74,999 tonnes per year.
Exclusions	None
Waste code	Description
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 11	wastes from oil regeneration
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 13	wastes from soil and groundwater remediation
19 13 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 01	paper and cardboard
20 01 02	glass
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones
20 03	other municipal wastes
20 03 03	street-cleaning residues

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. unit)	Reference Period (Note 2)	Monitoring frequency (Note 3)	Monitoring standard or method
Emission point(s) from treatment tank vents via abatement (G, 3, 4, 5, 6, 8, 12 and 14) shown on the plan in Schedule 7), location to be agreed upon completion of IC7.	Emissions from treatment of waste oil, oily wastes and aqueous wastes (AR1, AR2 and AR4) via tank vents fitted with an abatement system to be agreed upon completion of IC7.	Total Volatile Organic Compounds (TVOCs)	20 mg/m ³ (Note 4 and 5)	Average value of 3 consecutive measurements of at least 30 minutes each	Every 6 months	EN 12619
		Hydrogen Chloride (HCl) (Note 5)	5 mg/m ³ (Note 5)	Average value of 3 consecutive measurements of at least 30 minutes each (Note 4)	Every 6 months (Note 5)	EN 1911 (Note 5)
		Ammonia (NH ₃)	No limit set (Note 5)	Average value of 3 consecutive measurements of at least 30 minutes each (Note 5)	Every 6 months (Note 5)	EN ISO 21877 (Note 5)
<p>Note 1: In addition the operator shall also monitor for relevant waste gas parameters as required: flow, temperature, average concentration/load values of relevant substances (e.g. organic compounds, POPs such as PCBs) flammability, lower and upper explosive limits, reactivity and other substances which may affect gas treatment or plant safety (e.g. oxygen, nitrogen, water vapour, dust).</p> <p>Note 2: To the extent possible, the measurements shall be carried out at the highest expected emission state under normal operating conditions.</p> <p>Note 3: Monitoring frequencies may be reduced with the written agreement of the Environment Agency if emission levels are proven to be sufficiently stable.</p> <p>Note 4: The limit is 45 mg/m³ where the emission load is <0.5kg/hr.</p> <p>Note 5: This monitoring requirement and limit only applies when the substance is present in the waste gas stream.</p>						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. unit)	Reference Period (Note 2)	Monitoring frequency	Monitoring standard or method
W1 as shown in the site plan in Schedule 7	Uncontaminated water from the Parkwood Spring	Oil or Grease	None visible	--	Daily	Visual assessment
WL1 as shown in the site plan in Schedule 7	Uncontaminated roof water from the workshop	--	--	--	--	--

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. Unit) (Note 5)	Reference period (Note 2)	Monitoring frequency (Note 3)	Monitoring standard or method
S1 on site plan in schedule 7 emission to Yorkshire Water Blackburn Meadows Sewage Treatment Works (Note 1)	Discharge of aqueous effluent to sewer from treatment of oils and aqueous waste.	Arsenic (expressed as As) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Cadmium (expressed as Cd) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Chromium (expressed as Cr) (Note 4)	0.3 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Copper (expressed as Cu) (Note 4)	0.5 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Lead (expressed as Pb) (Note 4)	0.3 mg/l	-	Daily (Note 6)	EN ISO 17294-2
		Manganese (expressed as Mn) (Note 4)	No limit set	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury (expressed as Hg) (Note 4)	10 µg/l	-	Daily (Note 6)	EN ISO 17852 EN ISO 12846
		Nickel (expressed as Ni) (Note 4)	1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. Unit) (Note 5)	Reference period (Note 2)	Monitoring frequency (Note 3)	Monitoring standard or method
		Zinc (expressed as Zn) (Note 4)	2 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		PFOA (Note 4)	No limit set	-	Every 6 months	BS ISO 25101
		PFOS (Note 4)	No limit set	-	Every 6 months	BS ISO 25101
		Hydrocarbon oil index (HOI)	10 mg/l	-	Daily (Note 6)	EN ISO 9377-2
		Adsorbable organically bound halogens (AOX) (Note 4)	1 mg/l	-	Daily (Note 6)	EN ISO 9562
		Benzene, toluene, ethylbenzene, xylene (BTEX) (Note 4)	No limit set	-	Monthly (Note 6)	EN ISO 15680
		Free cyanide (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 14403-1 EN ISO 14403-2
		Hexavalent chromium (expressed as Cr(VI)) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 10304-3 EN ISO 23913
S2 on site plan in schedule 7 emission to Yorkshire Water Blackburn Meadows Sewage Treatment Works (Note 1)	Discharge of aqueous effluent to sewer from treatment of oils and aqueous waste	Arsenic (expressed as As) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Cadmium (expressed as Cd) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Chromium (expressed as Cr) (Note 4)	0.3 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. Unit) (Note 5)	Reference period (Note 2)	Monitoring frequency (Note 3)	Monitoring standard or method
						EN ISO 15586
		Copper (expressed as Cu) (Note 4)	0.5 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Lead (expressed as Pb) (Note 4)	0.3 mg/l	-	Daily (Note 6)	EN ISO 17294-2
		Manganese (expressed as Mn) (Note 4)	No limit set	-	Daily	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Mercury (expressed as Hg) (Note 4)	10 µg/l	-	Daily (Note 6)	EN ISO 17852 EN ISO 12846
		Nickel (expressed as Ni) (Note 4)	1 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		Zinc (expressed as Zn) (Note 4)	2 mg/l	-	Daily (Note 6)	EN ISO 11885 EN ISO 17294-2 EN ISO 15586
		PFOA (Note 4)	No limit set	-	Every 6 months	BS ISO 25101
		PFOS (Note 4)	No limit set	-	Every 6 months	BS ISO 25101
		Hydrocarbon oil index (HOI)	10 mg/l	-	Daily (Note 6)	EN ISO 9377-2
		Adsorbable organically bound halogens (AOX) (Note 4)	1 mg/l	-	Daily (Note 6)	EN ISO 9562

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter (Note 1)	Limit (incl. Unit) (Note 5)	Reference period (Note 2)	Monitoring frequency (Note 3)	Monitoring standard or method
		Benzene, toluene, ethylbenzene, xylene (BTEX) (Note 4)	No limit set	-	Monthly (Note 6)	EN ISO 15680
		Free cyanide (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 14403-1 EN ISO 14403-2
		Hexavalent chromium (expressed as Cr(VI)) (Note 4)	0.1 mg/l	-	Daily (Note 6)	EN ISO 10304-3 EN ISO 23913

Note 1: In addition, the operator shall also 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: 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 4: This substance is only required to be monitored where present in the waste water emissions inventory.

Note 5: 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 6: 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.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other Specifications
Abatement on emission point(s) from storage and treatment tanks upon completion of IC7.	Efficiency assessment	As specified in the agreed abatement plan upon completion of IC7.	Abatement shall be installed, maintained, operated and replaced in accordance with the manufacturer's recommendations and with the agreed abatement plan outlined in IC7.	--

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	First period begins
Emissions to air Parameters as required by condition 3.5.1.	A1 or as specified in the agreed abatement plan upon completion of IC7	Every 6 months, or as agreed in writing by the Environment Agency.	1 January
Emissions to water Parameters as required by condition 3.5.1	W1	Every 6 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1 and S2	Annually	1 January
Process monitoring Parameters as required by condition 3.5.1	As specified in the agreed abatement plan upon completion of IC7	Annually, or as agreed in writing by the Environment Agency.	1 January

Parameter	Units
Hazardous waste treated – Recovery	tonnes
Hazardous waste treated – Disposal	tonnes
Non-hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Disposal	tonnes
End of waste produced	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	cubic metres
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

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 water and land	Emissions to Water 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

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
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
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.

“CMR” means substances that are carcinogenic, mutagenic or toxic for reproduction in accordance with UK REACH, that is substances with classifications category 1A H340, H350, H360, category 1B H340, H350, H360, category 2 H341, H351, H361.

“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 these standard rules or from other localised or diffuse sources, which are not controlled by an emission or background concentration limits.

“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 III 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 container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“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 oils’ means any mineral or synthetic lubrication or industrial oils which have become unfit for the use for which they were originally intended, such as used combustion engine oils and gearbox oils, lubricating oils, oils for turbines and hydraulic oils.

“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, they have the meaning given below:

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

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“PCBs” means.

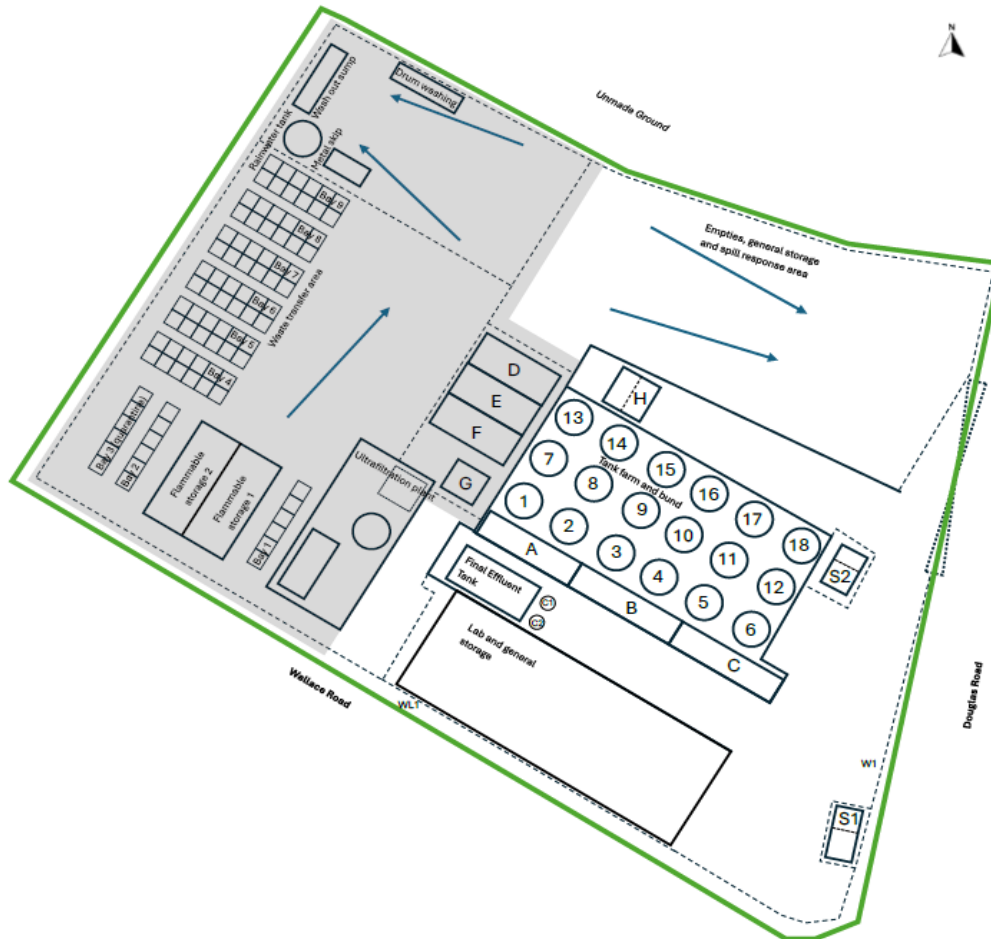
- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0.005% by weight.

“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

Schedule 7 – Site plan

Figure 1: Site Layout Plan including emission points and permit boundary



END OF PERMIT