Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Frogson Waste Management Limited

Parkwood Springs Oil Recovery Facility
21 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA

Variation application number

EPR/WP3731MH/V006

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 notice

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

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

This variation updates the existing permit to modern conditions and amends the site activities to accurately represent the installations and waste operations which take place. It also corrects errors in the previous permit. No changes have been made to the site activities. All activities have previously been assessed to BAT standards. A consolidated permit has been produced in Schedule 2 below.

The main features of the installation are as follows

The site operates a waste oil treatment facility with associated storage and transfer activities. Activities are split into non-hazardous and hazardous waste storage and treatment. The site recovers oils via filtration into wet oils, reusable oils, solids, soluble oil and waste waters. Installation activities carried out in the permit involve:

- S5.3 A(1)(a)(ii) - Treatment of hazardous liquid, sludge and solid residue wastes by gravity separation and filtration (including ultrafiltration) with the production of effluent.
- S5.3 A(1)(a)(ii) - Treatment of hazardous liquid, sludge and solid residue wastes by ultrafiltration.
- S5.3 A(1)(a)(iv) - Treatment of hazardous liquid, sludge and solid residue waste via the bulking up of hazardous waste.
- S5.4 A(1)(a)(ii) - Treatment of non-hazardous liquid, sludge and solid residue waste by ultrafiltration.
- S5.3 A(1)(a)(ii) - Treatment of packaging waste containing hazardous residues via washing and crushing.
- S5.6 A(1)(a)(i) - Receipt and storage of hazardous wastes prior to treatment and post treatment (including stored reclaimed oil). Also includes the storage of hazardous waste pending transfer off site.
- S5.3 A(1)(a)(ii) - Collection and treatment of process effluent prior to discharge to Yorkshire Water Blackburn Meadows Sewage Treatment Works.

In addition to the listed installation activities described above, the permit includes the following waste activities:

- The storage of non-hazardous waste prior to removal off site.

In summary, incoming waste oils will be accepted via drum, tanker or IBC. Oils and hazardous liquids from these sources will be placed into one of four reception sumps, *Waste Mixed Lube Oils*, *Waste Oil/Waters*, *Waste Soluble Oils* and *Engine Oils*. Emptied drums will be sent to the drum processing area where they are washed and crushed for recovery. The wash waters are piped to the reception sumps. From this point, the various hazardous oils and liquids are diverted into a series of tanks for gravity filtration to recover the waste oils. Non-hazardous waste liquids and oils are treated by gravity filtration via separate tanks. 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 waters from the filtration and ultrafiltration treatments pass to an effluent treatment plant (ETP). The effluent is diverted to two holding tanks for analysis before passing through two carbon vessels to remove soluble metals and chemical oxygen demand (COD). The effluents are then discharged to foul sewer via a trade effluent discharge consent with Yorkshire Water. A second sewage discharge is in place in the permit to acknowledge the emission of site surface drainage and tanker washout waters.

All tanks are stored on an impermeable surface with sealed drainage systems. The tanks are positioned as a tank farm with a perimeter concrete bund. This bund is at least 110% of the capacity of the total number of container capacities. All storage and treatment is undertaken in line with BAT as specified in the Environment Agency's Sector Guidance Note S5.06. Emissions to air are from and displaced air from the tanks to atmosphere via three manifolds and vents on the tanks.

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 site lies approximately 2km to the north-north-west of Sheffield city centre. The area is predominantly industrial, with the nearest residential properties are approximately 400m to the west. An area of open space lies within 200 m to the north, used for recreational purposes. The nearest European Habitats sites are the Peak District Moors SPA and South Pennine Moors SAC, both 8 km to the west of the site. 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. There are no changes to the operations as a result of this variation.

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 made15/09/2010	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.

Status log of the permit		
Description	**Date**	**Comments**
Additional information received	08/07/2013	Confirmation that WEEE will not be treated.
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 (Billing ref. YP3438WX)	06/08/2018	Varied permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/WP3731MH

Issued to

Frogson Waste Management Limited ("the operator")

whose registered office is

Chartwell House 5
Barnes Wallis Road
Segensworth East
Fareham
England
PO15 5TT

company registration number 01750158

to operate a regulated facility at

Parkwood Springs Oil Recovery Facility
21 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA

to the extent set out in the schedules.

The notice shall take effect from 06 August 2018.

Name	Date
Maxine Evans	**06 August 2018**

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

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/V006 authorising,

Frogson Waste Management Limited ("the operator"),

whose registered office is

Chartwell House 5
Barnes Wallis Road
Segensworth East
Fareham
England
PO15 5TT

company registration number 01750158

to operate an installation at

Parkwood Springs Oil Recovery Facility
21 - 25 Douglas Road
Parkwood Springs
Sheffield
S3 9SA

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

Name	Date
Maxine Evans	**06 August 2018**

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 AR9) 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 AR9) the operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

2.3.1 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 tables S2.2, S2.3, S2.4, S2.5, S2.6 and S2.7; 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.

Hazardous waste storage and treatment

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

2.4 WEEE storage

2.4.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.

2.4.2 WEEE shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

2.5 Improvement programme

2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.4 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.

2.6 Pre-operational conditions

2.6.1 The operations specified in schedule 1 table S1.5 shall not commence until the measures specified in that table have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

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.

3.6 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 AR9) 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR9) 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 For the following activities referenced in schedule 1, table S1.1 (AR10), the Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.4 Any information provided under condition 4.3.3 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.5 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.

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

Where the operator is a registered company:

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

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

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

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

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

In any other case:

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

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

(g) 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.

4.3.7 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.

4.3.8 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR9) 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.

4.4.3 For the following activities referenced in schedule 1, table S1.1 (AR10), in this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", 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 Filtration treatment of hazardous waste	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. D9 – Physio-chemical treatment of waste prior to any other disposal operation. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	Treatment of hazardous liquid and sludge wastes by gravity separation and filtration (including ultra-filtration) and production of effluent. Maximum throughput of 82,000 tonnes per annum of bulk wastes and 10,500 tonnes per annum of containerised wastes in aggregate with activities AR2, AR3, AR4 and AR6. Treatment to take place in Tanks A, B, C, Sumps D, E, F, G and Tanks 1 to 18. Waste types listed in table S2.2 only.
AR2 Ultrafiltration treatment of hazardous waste	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. D9 – Physio-chemical treatment of waste prior to any other disposal operation. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	Treatment of hazardous liquid, sludge and solid residue wastes by ultrafiltration. Maximum throughput of 82,000 tonnes per annum of bulk wastes and 10,500 tonnes per annum of containerised wastes in aggregate with activities AR1, AR3, AR4 and AR6. Treatment to take place in Tank A, Sump F and Tanks 1, 2, 7 and 13. Waste types listed in table S2.3 only.
AR3 Bulking of hazardous waste	S5.3 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. D14 – Repackaging prior to submission to any of the	Treatment of hazardous liquid, sludge, solid residue and other hazardous wastes via the bulking up of hazardous waste. Maximum throughput of 82,000 tonnes per annum of bulk wastes and 10,500 tonnes per annum of containerised wastes in aggregate with AR1, AR2, AR4 and AR6.

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**
		operations numbers D1 to D13. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). R5: Recycling/reclamation of other inorganic materials.	Waste types listed in table S2.4
AR4 Filtration and ultrafiltration treatment of non-hazardous waste	S5.4 A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment. D9 – Physio-chemical treatment of waste prior to any other disposal operation. R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	Treatment of non-hazardous liquid, sludge and solid residue waste by ultrafiltration; and treatment by ultrafiltration of waste water produced on-site by gravity separation. Maximum throughput of 82,000 tonnes per annum of bulk wastes and 10,500 tonnes per annum of containerised wastes in aggregate with AR1, AR2, AR3 and AR6. Treatment to take place in Tank C and Tanks 4, 5, 6 and 12. Waste types listed in table S2.5.
AR5 Washing and crushing of waste drums	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. R4: Recycling/reclamation of metals and metal compounds D9 – Physio-chemical treatment of waste prior to any other disposal operation.	Treatment of packaging waste containing hazardous residues via washing and crushing. Treatment of waste arising from the packaging and containers produced on site (EWC code 15 01 10*). Treatment will not exceed a throughput of 50 tonnes per annum.
AR6 Storage of hazardous wastes	S5.6 A(1)(a)(i)	Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes. R13 – Temporary storage of wastes pending any other	Receipt and storage of hazardous wastes prior to treatment and post treatment (including stored reclaimed oil) for activities AR1, AR2, AR3 and AR5.

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**
		recovery operation (excluding temporary storage, pending collection, on the site where it is produced). 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).	Maximum throughput of 82,000 tonnes per annum of bulk wastes and 10,500 tonnes per annum of containerised wastes in aggregate with AR1, AR2, AR3 and AR4. Storage of hazardous wastes prior to transfer of waste off site. Storage of hazardous wastes (including WEEE) shall be for no longer than 6 months from receipt to treatment on-site or dispatch off-site. There shall be no more than 10 tonnes of waste stored of codes, 16 02 09* and 16 02 10*. 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 AR10. 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. There shall be no more than 10 tonnes of waste stored of codes 16 02 14, 16 02 11*, 16 02 13*, 16 02 15*, 20 01 23*, 20 01 35* and 20 01 36. Limit in aggregate with non-hazardous WEEE storage in AR10. Waste types for hazardous waste activities listed in S2.2, S2.3, S2.4 and S2.6.

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**
AR7 Effluent treatment plant	S5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment. D9 – Physio-chemical treatment of waste prior to any other disposal operation.	Collection and treatment of process effluent prior to discharge to Yorkshire Water Blackburn Meadows Sewage Treatment Works. Effluent treatment plant comprising of two holding tanks (tanks E1 and E2), two carbon vessels (C1 and C2) and interceptors. Undertaken in relation to Activities AR1, AR2, AR3, AR4, AR5, AR6, AR8 and AR10.
	Directly Associated Activity		
AR8	Storage of non-hazardous waste pending disposal	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).	Undertaken in relation to Activity AR4. From the receipt of non-hazardous liquid, sludge and solid residue waste to treatment and despatch off site. Waste types listed in table S2.5.
AR9	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 within the facility or discharge off-site.

Activity reference	**Description of activities for waste operations**	**Limits of activities**
AR10	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	Storage of non-hazardous wastes prior to removal off site. 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. There shall be no more than 10 tonnes of waste stored of codes 16 02 14, 16 02 11*, 16 02 13*, 16 02 15*, 20 01 23*, 20 01 35* and 20 01 36. Limit in aggregate with hazardous WEEE storage in AR6. There shall be no more than 200 tonnes per annum of the waste stored of codes; 08 02 01, 12 01 01, 12 01 02, 12 01 03, 12 01 04, 12 01 05 and 12 01 17. There shall be no more than 50 tonnes per annum of end-of-life tyres (16 01 03). Waste types as specified in Table 2.7.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application reference WP3731MH	The response to questions 2.1.4 to 2.1.24 and 2.2 given in pages 14-33. ASR Appendix C4 – process diagram for filtration and ultra-filtration plant. Appendix 3 ‘Process Descriptions’. Appendix 4 ‘Process Flow Block Diagrams’. Appendix 8 ‘Accident Management Plan’ of the Application.	31/01/2007
Response to request for additional information to the application dated 23/04/07	Response to questions 8, 9, 10 and 11: describing procedures associated with process control. Response to question 12: Infrastructure and capacity of storage areas and tanks. Response to question 14: Storage of raw materials. Response to question 15: Confirmation that the relevant units for Application pro-forma question B2.1.11 is litres. Response to question 16: Site infrastructure, capacity of storage areas and tanks. Response to question 22: Site drainage plans. Response to question 26: Soakaway only receives uncontaminated roof-water. Response to question 30: Details of discharge to foul sewer (S1) and spring water (W1). Response to questions 33 and 35: Incompatible wastes are not stored together.	19/06/2007
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

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
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

Table S1.4 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The operator shall ensure that a review of the design, method of construction and integrity of all bunds surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds against the standards set out in Section 2.2.5 of the Sector Guidance Note S5.06, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of < 25 m^3 (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m^3 (ISBN: 0 86017 476X). The review shall include: • The physical condition of the bunds, • Their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, • Any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and • Suggested preventative maintenance & inspection regime. A written report of the review shall be submitted to the Environment Agency detailing the reviews findings and recommendations. Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.	Completed
IC2	The operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by fire water. The review shall include: • Consideration of the principals set out in PPG 18 – Managing Fire Water and Major Spillages. • Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by fire water. A written report summarising the assessment and any necessary improvements together with indicative timescales for implementation shall be submitted to the Environment Agency.	Completed
IC3	The Operator shall develop a written programme for the inspection and maintenance of the installation drainage systems, including the interceptor and those within bunded areas, and shall incorporate but not be limited to the removal of obstructions. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the programme. The programme shall be implemented by the Operator from the date of approval in writing by the Agency.	Completed
IC4	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.3 of Sector Guidance Note S5.06, December 2004 to cover waste storage, including but not limited to: • Storage of drummed and containerised wastes. • Bulk storage.	Completed

Table S1.4 Improvement programme requirements		
Reference	**Requirement**	**Date**
	• Bulking and transfer into bulk storage.	
IC5	The operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard. A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Environment Agency.	Completed
IC6	The Operator shall submit a report to the Agency demonstrating whether the composite water sampler used for the collection of samples on S1 meets with the requirements given in the MCERTs document 'Continuous water monitoring equipment part 1: Performance Standards and conformity testing procedures for automatic waste water sampling equipment version 1, February 2003'. The report shall include an assessment of the flow meters performance with the criteria given in the standard, and where these are not met, proposals and timescales required to achieve the standard. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the programme. The programme shall be implemented by the Operator from the date of approval in writing by the Agency.	Completed
IC7	The Operator shall develop a written Site Closure Plan having regard to the requirements set out in Section 2.11 of the Agency Guidance Note IPPC S5.06. A written summary of the plan shall be submitted to the Agency for approval.	Completed

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
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Table S2.2 Permitted waste types and quantities for the treatment of hazardous waste oils by gravity separation and filtration (Activity AR1).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. 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 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
07	**Wastes from organic chemical processes**
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 14*	wastes from additives containing hazardous substances
07 02 16*	waste containing hazardous silicones
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 11*	sludges from on-site effluent treatment containing hazardous substances
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances

Table S2.2 Permitted waste types and quantities for the treatment of hazardous waste oils by gravity separation and filtration (Activity AR1).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
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
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
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**
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
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 14*	machining sludges containing hazardous substances
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil

Table S2.2 Permitted waste types and quantities for the treatment of hazardous waste oils by gravity separation and filtration (Activity AR1).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
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 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 04*	mineral-based chlorinated 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 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 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

Table S2.2 Permitted waste types and quantities for the treatment of hazardous waste oils by gravity separation and filtration (Activity AR1).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
13 07	**wastes of liquid fuels**
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	**oil wastes not otherwise specified**
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	**Wastes not otherwise specified in the list**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 13*	brake fluids
16 07	**wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
16 07 08*	wastes containing oil
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 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 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 13	**wastes from soil and groundwater remediation**
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances

Table S2.3 Permitted waste types and quantities for the treatment of hazardous waste by ultrafiltration (Activity AR2).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. 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 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
07	**Wastes from organic chemical processes**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 01*	aqueous washing liquids and mother liquors
07 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**
07 04 01*	aqueous washing liquids and mother liquors
07 04 08*	other still bottoms and reaction residues
07 04 11*	sludges from on-site effluent treatment containing hazardous substances

Table S2.3 Permitted waste types and quantities for the treatment of hazardous waste by ultrafiltration (Activity AR2).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
07 05	**wastes from the MFSU of pharmaceuticals**
07 05 01*	aqueous washing liquids and mother liquors
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 01*	aqueous washing liquids and mother liquors
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 07*	halogenated still bottoms and reaction residues
07 07 08*	other still bottoms and reaction residues
07 07 11*	sludges from on-site effluent treatment containing hazardous substances
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 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 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
08 03 19*	disperse oil
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
09 01 03*	solvent-based developer solutions
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 20*	sludges from on-site effluent treatment containing hazardous substances
10 01 22*	aqueous sludges from boiler cleansing containing hazardous substances

Table S2.3 Permitted waste types and quantities for the treatment of hazardous waste by ultrafiltration (Activity AR2).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
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
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
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 03	**wastes from water and steam degreasing processes (except 11)**
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
14	**Waste organic solvents, refrigerants and propellants (except 07 and 08)**
14 06	**waste organic solvents, refrigerants and foam/aerosol propellants**
14 06 04*	sludges or solid wastes containing halogenated solvents
14 06 05*	sludges or solid wastes containing other solvents
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 03	**off-specification batches and unused products**
16 03 03*	inorganic wastes containing hazardous substances
16 03 05*	organic wastes containing hazardous substances
16 07	**wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
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
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 06	**insulation materials and asbestos-containing construction materials**
17 06 03*	other insulation materials consisting of or containing hazardous substances

Table S2.3 Permitted waste types and quantities for the treatment of hazardous waste by ultrafiltration (Activity AR2).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
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 05*	sludges from physico/chemical treatment containing hazardous substances
19 02 08*	liquid combustible wastes containing hazardous substances
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 06*	saturated or spent ion exchange resins
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 08*	membrane system waste containing heavy metals
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
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
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 11 07*	wastes from flue-gas cleaning
19 13	**wastes from soil and groundwater remediation**
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing hazardous substances
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 29*	detergents containing hazardous substances

Table S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 08*	agrochemical waste containing hazardous substances
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances
04	**Wastes from the leather, fur and textile industries**
04 02	**wastes from the textile industry**
04 02 14*	wastes from finishing containing organic solvents
04 02 19*	sludges from on-site effluent treatment containing hazardous substances
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 02*	desalter sludges
05 01 03*	tank bottom sludges
05 01 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
06	**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)
07	**Wastes from organic chemical processes**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
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

Table S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
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 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 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 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
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 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 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

Table S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
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 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
07 07 10*	other filter cakes and spent absorbents
07 07 11*	sludges from on-site effluent treatment containing hazardous substances
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 17*	wastes from paint or varnish removal containing organic solvents or other hazardous substances
08 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 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
08 04 17*	rosin oil
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
09 01 01*	water-based developer and activator solutions

Table S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
09 01 02*	water-based offset plate developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
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 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 S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. 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 05	**oil/water separator contents**
13 05 01*	solids from grit chambers and oil/water separators
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
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	**Wastes not otherwise specified in the list**
16 02	**wastes from electrical and electronic equipment**
16 02 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 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

Table S2.4 Permitted waste types and quantities for the bulking up of hazardous waste (Activity AR3).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3, HP4, HP5, HP6, HP7, HP8, H13 and H14 only.**
Waste code	**Description**
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 02	**wood, glass and plastic**
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 01*	bituminous mixtures containing coal tar
17 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
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
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 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
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 S2.5 Permitted waste types and quantities for the treatment of non-hazardous waste by ultra-filtration (Activity AR4).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6.**
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 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 09	agrochemical waste other than those mentioned in 02 01 08
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
04	**Wastes from the leather, fur and textile industries**
04 02	**wastes from the textile industry**
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
06	**Wastes from inorganic chemical processes**
06 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
07	**Wastes from organic chemical processes**

Table S2.5 Permitted waste types and quantities for the treatment of non-hazardous waste by ultra-filtration (Activity AR4).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6.**
Waste code	**Description**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 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
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 02	**wastes from MFSU of other coatings (including ceramic materials)**
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
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 S2.5 Permitted waste types and quantities for the treatment of non-hazardous waste by ultra-filtration (Activity AR4).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6.**
Waste code	**Description**
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	wastes from cooling-water treatment
10 02	**wastes from the iron and steel industry**
10 02 15	other sludges and filter cakes
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
10 11	**wastes from manufacture of glass and glass products**
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
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)

Table S2.5 Permitted waste types and quantities for the treatment of non-hazardous waste by ultra-filtration (Activity AR4).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6.**
Waste code	**Description**
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
11 01 14	degreasing wastes other than those mentioned in 11 01 13
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 15	machining sludges other than those mentioned in 12 01 14
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 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

Table S2.5 Permitted waste types and quantities for the treatment of non-hazardous waste by ultra-filtration (Activity AR4).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6.**
Waste code	**Description**
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 06	solutions and sludges from regeneration of ion exchangers
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 30	detergents other than those mentioned in 20 01 29
20 03	**other municipal wastes**
20 03 03	street-cleaning residues

Table S2.6 Permitted waste types and quantities for the storage of hazardous waste prior to transfer off site (Activity AR6).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, 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
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
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
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**

Table S2.6 Permitted waste types and quantities for the storage of hazardous waste prior to transfer off site (Activity AR6).	
Maximum quantity	**Annual throughput shall not exceed 92,500 tonnes for all wastes in tables S2.2, S2.3, S2.4, S2.5 and S2.6. Hazard codes HP3A, HP3B, HP4, HP5, HP6, HP7, HP8, HP13 and HP14 only.**
Waste code	**Description**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
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 05	**gases in pressure containers and discarded chemicals**
16 05 04*	gases in pressure containers (including halons) 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

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
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 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 04	waste plastics (except packaging)
02 01 09	agrochemical waste other than those mentioned in 02 01 08
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

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
Waste code	**Description**
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
04	**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
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
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
06	**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
07	**Wastes from organic chemical processes**
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
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 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
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 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

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
Waste code	**Description**
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 13	waste ink other than those mentioned in 08 03 12
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
09	**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 24	sands from fluidised beds
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
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**

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
Waste code	**Description**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
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 14*	machining sludges containing hazardous substances
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
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

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
Waste code	**Description**
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 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
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 07	**landfill leachate**

Table S2.7 Permitted waste types and quantities for the bulking up and storage of non-hazardous waste (Activity AR10).	
Maximum quantity	**Annual throughput shall not exceed 74,999 tonnes.**
Waste code	**Description**
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 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 04	spent activated carbon
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 fat
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

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (including unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
A1 as shown in the site plan in Schedule 7	Manifold on breather pipes associated with tanks 1 to 6	--	--	--	--	Permanent sampling access not required
A2 as shown in the site plan in Schedule 7	Manifold on breather pipes associated with tanks 7 to12	--	--	--	--	Permanent sampling access not required
A3 as shown in the site plan in Schedule 7	Manifold on breather pipes associated with tanks 13 to 18	--	--	--	--	Permanent sampling access not required
Vents from tanks A, B and C as shown in the site plan in Schedule 7	Reception tanks A, B and C	--	--	--	--	Permanent sampling access not required
Vents from tanks D, E, F and G as shown in the site plan in Schedule 7	Reception tanks D, E, F and G	--	--	--	--	Permanent sampling access not required
Vents from tanks E1 and E2 as shown in the site plan in Schedule 7	Effluent storage tanks E1 and E2	--	--	--	--	Permanent sampling access not required

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
W1 as shown in the site plan in Schedule 7	Uncontaminated water from the Parkwood Spring	--	--	--	--	Permanent sampling access not required
WL1 as shown in the site plan in Schedule 7	Uncontaminated roof water from the workshop	--	--	--	--	Permanent sampling access not required

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	**Source**	**Parameter**	**Limit (incl. Unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
S1 as shown on the site plan in Schedule 7	Effluent from the treatment process and surface water drainage	--	--	--	--	--
S2 as shown on the site plan in Schedule 7	Effluent from the treatment process and surface water drainage	--	--	--	--	--

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
--	--	--	--

Table S4.2: Annual production/treatment	
Parameter	**Units**
Total annual waste treated	tonnes
Total waste oil treated	tonnes
Total waste water treated	tonnes

Table S4.3 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes
Total water used	Annually	tonnes

Media/parameter	**Reporting format**	**Date of form**
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	DRAFT
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	DRAFT
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	DRAFT

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 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.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

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

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

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

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

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

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

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

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

“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.

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

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

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

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

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.

“year” means calendar year ending 31 December.

“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

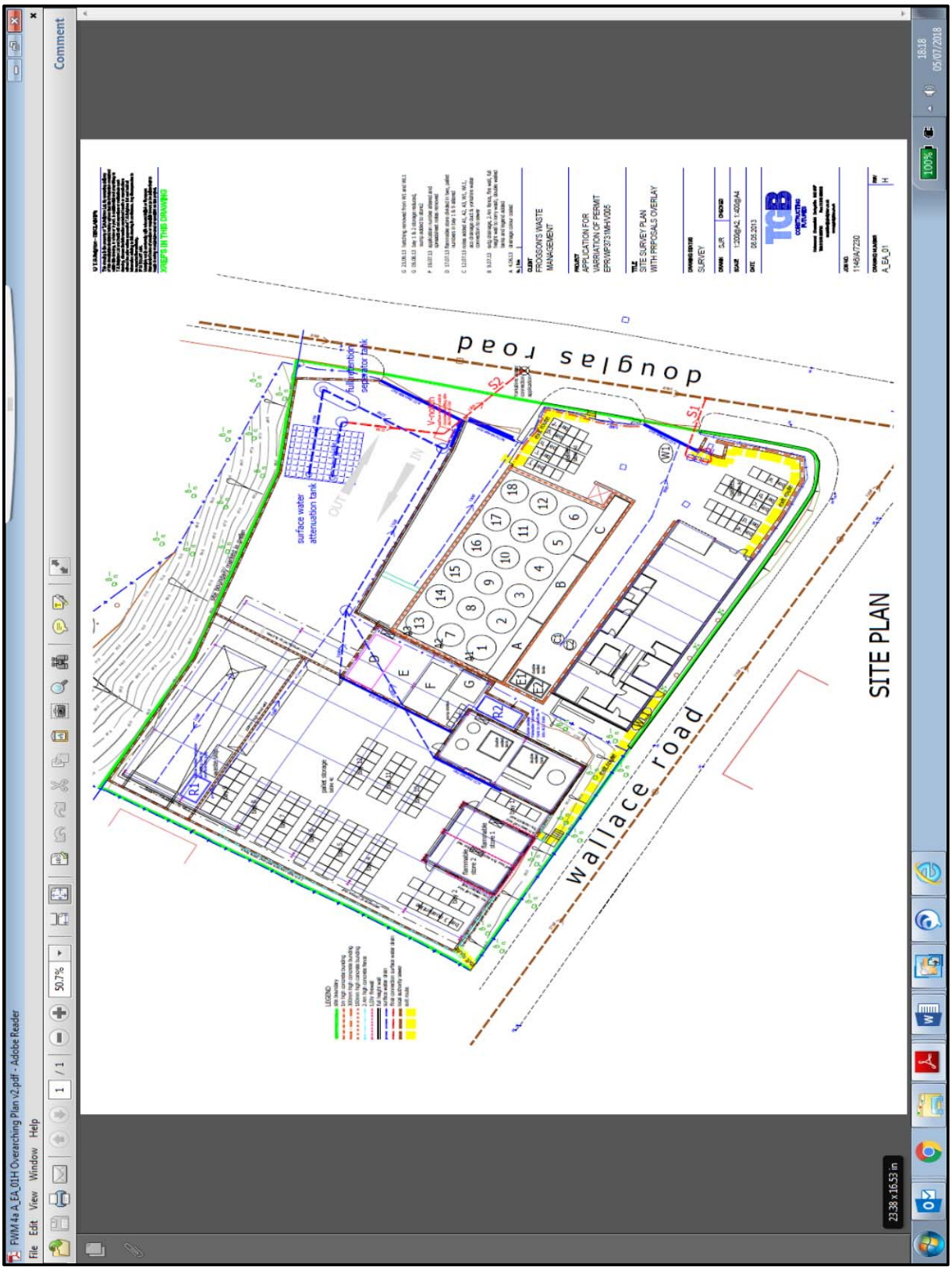
“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

“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

Schedule 7 – Site plan



END OF PERMIT

Permit Number: **WP3731MH** **Operator:** **Frogson Waste Management Limited**

Facility: **Parkwood Springs Oil Recovery Facility** **Form Number:** **WaterUsage1 / DD/MM/YY**

Reporting of Water Usage for the year YYYY

Water Source	**Usage (m^3/year)**	**Specific Usage (m^3/unit output)**
Mains water		
TOTAL WATER USAGE		

Operator's comments:

Signed …….. Date……..

(authorised to sign as representative of Operator)

Permit Number: **WP3731MH** **Operator:** **Frogson Waste Management Limited**

Facility: **Parkwood Springs Oil Recovery Facility** **Form Number:** **Energy 1 / DD/MM/YY**

Reporting of Energy Usage for the year YYYY

Energy Source	**Energy Usage**		**Specific Usage (MWh/unit output)**
	Quantity	**Primary Energy (MWh)**	
Electricity*	MWh		
Natural Gas	MWh		
Gas Oil	tonnes		
Recovered Fuel Oil	tonnes		
TOTAL	**-**		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed …….. Date……..

(Authorised to sign as representative of Operator)

Permit Number:	**WP3731MH**	**Operator:**	**Frogson Waste Management Limited**
Facility:	**Parkwood Springs Oil Recovery Facility**	**Form Number:**	**WaterUsage1 / DD/MM/YY**

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

Parameter	**Units**
Total raw material used	tonnes

Operator's comments:

Signed …….. Date……..

(Authorised to sign as representative of Operator)