



ENVIRONMENT
AGENCY

Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Anne Watson Street Site

Waste Oil Services Limited
Anne Watson Street
Stoneferry
Hull
HU7 0BH

Permit number

FP3630MZ

Anne Watson Street Site Permit Number FP3630MZ

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows.

The Anne Watson Street Site is located adjacent to the River Hull at the end of Anne Watson Street, Stoneferry, Hull, HU7 0BH. The centre of the site is at National Grid Reference TA 1020 3162.

The site carries out the following activities:

- Storage and treatment of waste oils as defined by the Waste Oil Directive 87/101/EEC (WOD oils) for recovery.
- Storage and treatment of waste oils other than those defined by the Waste Oil Directive 87/101/EEC (Non-WOD oils) for recovery.
- Storage and treatment of non-hazardous wastes for disposal.
- Storage and treatment of hazardous wastes for disposal.
- Storage of hazardous wastes for recovery.
- Storage of non-hazardous wastes for recovery.

The storage and treatment of WOD oils, and the storage and treatment of non-hazardous wastes for disposal are regulated under the Pollution Prevention and Control Permit FP3630MZ (the PPC Permit).

The storage and treatment of non-WOD oil, storage and treatment of hazardous wastes for disposal, storage of hazardous wastes for recovery, and storage of non-hazardous wastes for recovery are regulated under the existing waste management licence EAWML/65050.

The PPC installation is operated by Waste Oil Services Limited.

Waste oil treatment

The site treats used oil and oil /water mixtures by removing water and particulates. The treated oils are then blended to a specification for use off site as Recycled Fuel Oil or as a reductant.

Waste oil is delivered to the site by road in bulk road tankers, IBCs and drums, or by barges which berth adjacent to the site on the River Hull. Before unloading a sample of the oil is analysed to determine if it meets specified acceptance criteria.

Acceptable oil is transferred to bulk storage tanks where mixing with other oils takes place. The oil is processed by heating in an insulated tank with a steam coil to 70° to 90°. After heating any water present drops to the bottom of the tank due to its higher density. Sometimes small amounts of demulsification chemicals are added to aid separation.

Water is removed from the processing tank and the oil is filtered and stored in a finished product tank. Several batches of oil may be blended to ensure the finished product reaches the required specification.

Non-hazardous waste treatment for disposal

The water generated from oil processing is regarded as non-hazardous and is transferred to a tank where it is treated by settlement and aeration. The treated water is then discharged to foul sewer.

The site also accepts aqueous and non-aqueous non-hazardous wastes for treatment by settlement and aeration before discharge of the liquid phase to foul sewer. The acceptance and treatment of these wastes is subject to improvement programme requirements in the permit.

In addition the site treats solid non-hazardous wastes for disposal. Treatment consists of cleaning and compaction.

Air emissions

The oil reception, processing and storage tanks vent to atmosphere without abatement. The water /non-hazardous waste treatment tanks vent to atmosphere via a caustic scrubber.

Status Log of the permit		
Detail	Date	Response Date
Application FP3630MZ	Duly made 26/01/2007	
Additional Information Received	20/04/2007	
Additional Information Received	25/04/2007	
Additional Information Received	22/05/2007	
Additional Information Received	23/05/2007	
Additional Information Received	01/06/2007	
Additional Information Received	07/06/2007	
Permit determined	11/07/2007	

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation			
Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Waste Oil Services Limited	C971 (EAWML/65050)	29/06/1998	Partially superseded

The waste management licence shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the licence is authorised by this permit.

Other existing Licences/Authorisations/Registrations relating to this site		
Holder	Reference Number	Date of issue
Waste Oil Services Limited	C971 (EAWML/65050)	29/06/1998

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

FP3630MZ

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby authorises

Waste Oil Services Limited ("the operator"),

whose registered office (or principal office) is

Anne Watson Street

Stoneferry,

Hull

East Yorkshire

HU7 0BH

company registration number 3206019

to operate an installation at

Anne Watson Street


Stoneferry,

Hull

East Yorkshire

HU7 0BH

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

Signed	Date
	11/07/2007

Phil Reynolds, Regulatory Team Leader (PIR Permitting), Strategic Permitting Group - Nottingham

Authorised to sign on behalf of the Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
 - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 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.

1.2 Accidents that may cause pollution

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
 - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
 - (c) make any appropriate changes to the plan identified by a review.

1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures by a review.

1.4 Efficient use of raw materials

- 1.4.1 The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every 4 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 appropriate further measures identified by a review.

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

1.5.1. The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

1.6 Site security

1.6.1. Site security measures shall prevent unauthorised access to the site, as far as practicable.

2. Operations

2.1 Permitted activities

- 2.1.1 The operator is authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

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 2 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 Agency.
- 2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 3 tables S3.2, S3.3 and S3.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
 - (c) it is only processed in the activity specified in Table S1.1 of Schedule 1.
- 2.3.4 Records shall be kept of all waste accepted onto the site.
- 2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation(s) is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:
- The nature of the process producing the waste
 - The composition of the waste
 - The handling requirements of the waste
 - The hazard classification associated with the waste
 - The waste code of the waste
- 2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Off-site conditions

There are no off-site conditions under this section.

2.5 Improvement programme

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

2.6 Pre-operational conditions

There are no pre-operational conditions in this permit.

2.7 Closure and decommissioning

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.
- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

2.8 Site protection and monitoring programme

- 2.8.1 The operator shall, within 2 months of the issue of this permit, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

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 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.

3.2 Transfers off-site

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

3.3 Fugitive emissions of substances

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 All liquids, 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.

3.4 Odour

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

3.5 Noise and vibration

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1, S4.2 and S4.3.
- 3.6.2 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.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.

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 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) the site protection and monitoring programme.

4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

4.1.3 All records required to be held by this permit shall be held on the installation and shall be available for inspection by the Agency at any reasonable time.

4.2 Reporting

4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the 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 this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
- (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
- (c) the annual production /treatment data set out in schedule 5 table S5.2;
- (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
- (e) details of any contamination or decontamination of the site which has occurred.

4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the 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 5 table S5.1;
- (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4 ; and

- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 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 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
 - (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit;
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
 - (a) as soon as practicable prior to the permanent cessation of any of the activities;
 - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
 - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.

- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
 - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
 - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

Schedule 1 - Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
S5.3 A1 (b)	Storage and treatment of waste oils (as defined by the Waste Oils Directive 87/101/EEC) (WOD oils)	<p>Receipt, unloading, storage and treatment of WOD oils. Storage and despatch of treated oils. Storage of wastes arising from treatment. Waste types to be as specified in Schedule 3 table S3.2. Waste types to meet acceptance criteria specified in application.</p> <p>Maximum quantity 25,000 tonnes per annum.</p>
S5.3 A1 (c)(ii)	Physico-chemical treatment of non-hazardous wastes (D9)	<p>Treatment of waste waters produced on site from WOD oil and non-WOD oil treatment. Discharge to foul sewer.</p> <p>No annual quantity limit set.</p> <hr/> <p>Treatment of solid non-hazardous waste produced on site. Storage pending disposal off site.</p> <p>Treatment limited to cleaning and compaction only.</p> <p>No annual quantity limit set.</p> <hr/> <p>Treatment of non-hazardous liquid/sludge wastes produced off site. Discharge to foul sewer. Treatment limited to filtration and gravity separation with addition of demulsifier only. Waste types to be as specified in Schedule 3 table S3.3.</p> <p>Treatment of solid non-hazardous wastes produced off site. Treatment limited to cleaning and compaction only. Waste types to be as specified in Schedule 3 table S3.4.</p> <p>Waste acceptance criteria subject to improvement programme requirement IC1 in Table S1.3.</p> <p>Waste treatment subject to improvement programme requirement IC2 in Table S1.3.</p> <p>Maximum quantity 17,500 tonnes per annum.</p>
Directly Associated Activity		
Receipt and storage of non-hazardous liquid/sludge wastes	Receipt and storage of non-hazardous liquid/sludge wastes produced off site	Receipt, unloading and storage of non-hazardous liquid/sludge wastes produced off site. Storage of wastes produced as a result of treatment.
Receipt and storage of solid non-hazardous wastes	Receipt and storage of non-hazardous of solid non-hazardous wastes produced off site	Receipt, unloading and storage of solid non-hazardous wastes produced off site. Storage of treated wastes pending disposal off site.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	All	26/01/2007
Additional Information Received by post from Robert Booth of Waste Oil Services Limited	All	20/04/2007
Additional Information Received by email from Robert Booth of Waste Oil Services Limited	All	25/04/2007
Additional Information Received by email from Robert Booth of Waste Oil Services Limited	All	22/05/2007
Additional Information Received by email from Robert Booth of Waste Oil Services Limited	All	23/05/2007
Additional Information Received by email from Robert Booth of Waste Oil Services Limited	All	01/06/2007
Additional Information Received by email from Robert Booth of Waste Oil Services Limited	All	07/06/2007

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	<p>The Operator shall produce and implement written procedures (and any amendments to them) that accord with sections 2.1.1 and 2.1.2 of Sector Guidance Note S5.06, December 2004 to cover the pre-acceptance and acceptance procedures for non-hazardous liquid/sludge wastes (other than waste waters produced from on site oil treatment).</p> <p>The procedures shall ensure the waste properties and contaminants are identified.</p> <p>The procedures shall include, or reference, waste acceptance criteria.</p> <p>Copies of the procedures and waste acceptance criteria shall be submitted to the Environment Agency.</p>	31/10/2007
IC2	<p>The Operator shall produce and implement written procedures (and any amendments to them) that accord with sections 2.1.4 and 2.1.12 of Sector Guidance Note S5.06, December 2004 to cover the treatment of non-hazardous liquid/sludge wastes (other than waste waters produced from on site oil treatment).</p> <p>Copies of the procedures shall be submitted to the Environment Agency.</p>	31/10/2007
IC3	<p>The Operator shall produce a revised description of activities, flow diagram and block scheme diagram detailing how the treatment of non-hazardous liquid/sludge wastes (other than waste waters produced from on site oil treatment) is carried out.</p> <p>Copies of the revised documents shall be submitted to the Environment Agency.</p>	31/10/2007
IC4	<p>The operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater against the guidelines set out in:</p> <ul style="list-style-type: none"> • BS 5908: Code of Practice for Fire Precautions in the Chemical and Allied Industries, and • PPG 18 – Managing Fire-water and major spillages. <p>A written report summarising the assessment shall be submitted to the Environment Agency for approval. The Agency approval shall include timescales for the Operator to implement the improvements.</p>	31/01/2008
IC5	<p>The operator shall carry out a written review of the design, method of construction and integrity of all bunds surrounding above ground tanks. 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 m3 (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 m3 (ISBN: 0 86017 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> ▪ the physical condition of the bunds, ▪ their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, ▪ any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and ▪ suggested preventative maintenance & inspection regime. <p>The review shall be carried out by a qualified structural engineer.</p> <p>A copy of the review shall be submitted in writing to the Environment Agency for approval. The Agency approval shall include timescales for the Operator to implement the improvements and the maintenance and inspection regime.</p>	31/01/2008
IC6	<p>The operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard.</p> <p>A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Environment Agency.</p>	31/07/2008

IC7	The Operator shall produce and implement written procedures to cover the operation and maintenance of the caustic scrubber, and storage of caustic.	31/10/2007
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Copies of the procedures shall be submitted to the Environment Agency.

Schedule 2 - Site plan



Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Table S3.2 Permitted waste types and quantities for storage and treatment	
Maximum quantity	25000 tonnes per annum
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	<i>drilling muds and other drilling wastes</i>
01 05 05*	oil-containing drilling muds and wastes
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	<i>wastes from the textile industry</i>
04 02 19*	sludges from on-site effluent treatment containing dangerous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	<i>wastes from petroleum refining</i>
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 dangerous substances
05 01 11*	wastes from cleaning of fuels with bases
05 01 12*	oil containing acids
05 01 15*	spent filter clays
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	<i>Wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals</i>
07 01 08*	other still bottoms and reaction residues
07 01 11*	sludges from on-site effluent treatment containing dangerous substances
07 02	<i>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</i>
07 02 08*	other still bottoms and reaction residues
07 02 11*	sludges from on-site effluent treatment containing dangerous substances
07 03	<i>wastes from the MFSU of organic dyes and pigments (except 06 11)</i>
07 03 08*	other still bottoms and reaction residues
07 03 11*	sludges from on-site effluent treatment containing dangerous substances
07 04	<i>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</i>
07 04 08*	other still bottoms and reaction residues
07 04 11*	sludges from on-site effluent treatment containing dangerous substances
07 05	<i>wastes from the MFSU of pharmaceuticals</i>
07 05 08*	other still bottoms and reaction residues
07 05 11*	sludges from on-site effluent treatment containing dangerous substances
07 06	<i>wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics</i>
07 06 08*	other still bottoms and reaction residues
07 06 11*	sludges from on-site effluent treatment containing dangerous substances
07 07	<i>wastes from the MFSU of fine chemicals and chemical products not otherwise specified</i>
07 07 08*	other still bottoms and reaction residues
07 07 11*	sludges from on-site effluent treatment containing dangerous substances
10	WASTES FROM THERMAL PROCESSES
10 01	<i>wastes from power stations and other combustion plants (except 19)</i>
10 01 20*	sludges from on-site effluent treatment containing dangerous substances
10 02	<i>wastes from the iron and steel industry</i>

Table S3.2 Permitted waste types and quantities for storage and treatment	
Maximum quantity	25000 tonnes per annum
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWG Waste code	Description
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
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, phosphatising, alkaline degreasing, anodising)
11 01 11*	aqueous rinsing liquids containing dangerous substances
11 01 13*	degreasing wastes containing dangerous substances
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 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 dangerous substances
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 05*	non-chlorinated emulsions
13 01 10*	mineral-based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

Table S3.2 Permitted waste types and quantities for storage and treatment	
Maximum quantity	25000 tonnes per annum
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC Waste code	Description
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 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 03	off-specification batches and unused products
16 03 05*	organic wastes containing dangerous substances
16 05	gases in pressure containers and discarded chemicals
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 03*	aqueous concentrates containing dangerous substances
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 05*	dredging spoil containing dangerous substances
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

Table S3.2 Permitted waste types and quantities for storage and treatment	
Maximum quantity	25000 tonnes per annum
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC Waste code	Description
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 05*	chemicals consisting of or containing dangerous substances
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 11*	other wastes containing dangerous 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 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes
19 11 04*	wastes from cleaning of fuel with bases
19 11 05*	sludges from on-site effluent treatment containing dangerous substances
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 13	wastes from soil and groundwater remediation
19 13 03*	sludges from soil remediation containing dangerous substances
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous 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 26*	oil and fat other than those mentioned in 20 01 25

Table S3.3 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWIC Waste Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	<i>drilling muds and other drilling wastes</i>
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
01 05 08	chloride-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	<i>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</i>
02 01 01	sludges from washing and cleaning
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02	<i>wastes from the preparation and processing of meat, fish and other foods of animal origin</i>
02 02 01	sludges from washing and cleaning
02 02 04	sludges from on-site effluent treatment
02 03	<i>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</i>
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 05	sludges from on-site effluent treatment
02 04	<i>wastes from sugar processing</i>
02 04 03	sludges from on-site effluent treatment
02 05	<i>wastes from the dairy products industry</i>
02 05 02	sludges from on-site effluent treatment
02 06	<i>wastes from the baking and confectionery industry</i>
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	<i>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</i>
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	<i>wastes from pulp, paper and cardboard production and processing</i>
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 09	lime mud waste
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

Table S3.3 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC Waste Code	Description
04 01	wastes from the leather and fur industry
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02	wastes from the textile industry
04 02 10	organic matter from natural products (for example grease, wax)
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
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 13	boiler feedwater sludges
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 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 15	wastes from additives other than those mentioned in 07 02 14
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

Table S3.3 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWG Waste Code	Description
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 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 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 03	wastes from aluminium thermal metallurgy
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
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
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

Table S3.3 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC Waste Code	Description
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 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
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 14	waste binders other than those mentioned in 10 09 13
10 10	wastes from casting of non-ferrous pieces
10 10 14	waste binders other than those mentioned in 10 10 13
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 13	sludge from on-site effluent treatment
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, phosphatising, alkaline degreasing, anodising)
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
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 05	plastics shavings and turnings
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
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 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
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
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
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 06	chemicals other than those mentioned in 18 02 05

Table S3.3 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWC 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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 06	wastes from anaerobic treatment of waste
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	wastes from waste water treatment plants not otherwise specified
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 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 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29

Table S3.4 Permitted waste types and quantities for storage & treatment	
Maximum quantity	17500 tonnes per annum (combined total waste from tables S3.3 and S3.4)
Excluded wastes	Wastes with hazardous properties H1, H2, H3A, H6, H9, H10, H11, H12, H13 (Hazardous Waste Directive Annex III) are not permitted.
EWIC Waste Code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	<i>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</i>
02 01 04	waste plastics (except packaging)
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	<i>wastes from shaping and physical and mechanical surface treatment of metals and plastics</i>
12 01 05	plastics shavings and turnings
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	<i>packaging (including separately collected municipal packaging waste)</i>
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden 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

Schedule 4 – Emissions and monitoring

Table S4.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Points marked A1 on site plan in Schedule 2]	No parameters set	Vents on storage tanks 1, 2, 7 to 10 and 21 to 24.	No limit set	-	-	-
A2 [Points A2 on site plan in schedule 2]	No parameters set	Vents on process tanks 3, 4 and 18	No limit set	-	-	-
A3 [Point A3 on site plan in schedule 2]	No parameters set	Tanker loading vent	No limit set	-	-	-
A4 [Point A4 on site plan in schedule 2]	No parameters set	Wet scrubber on vents from process tanks 5 and 6	No limit set	-	-	-

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
-	-	-	-	-	-	-

Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 [Point S1 on site plan in schedule 2]	Flow	On site effluent treatment	Max quantity 29,328 m ³ per annum	-	Continuous	MCERTS certified*
S1 [Point S1 on site plan in schedule 2]	pH	On site effluent treatment	-	-	A minimum of once per batch of effluent discharged	As specified in section B2.10.10 of application
S1 [Point S1 on site plan in schedule 2]	Temperature	On site effluent treatment	-	-	A minimum of once per batch of effluent discharged	As specified in section B2.10.11 of application
S1 [Point S1 on site plan in schedule 2]	COD	On site effluent treatment	-	-	A minimum of once per batch of effluent discharged	As specified in section B2.10.12 of application
S1 [Point S1 on site plan in schedule 2]	Colour	On site effluent treatment	-	-	A minimum of once per batch of effluent discharged	As specified in section B2.10.13 of application

*Within time scale specified in improvement programme requirement IC6 in Table S1.3.

Schedule 5 - Reporting

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

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer	S1	Every 6 months	31/01/2008
Parameters as required by condition 3.6.1.			

Table S5.2: Annual production/treatment

Parameter	Units
Quantity of waste oil 'product' produced	tonnes
Quantity of waste water discharged to sewer	tonnes
Number of non-hazardous effluent batches discharged to sewer	number
Quantity of residual waste sludge produced from treatment	tonnes

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWs
Total raw material used (demulsifier)	Annually	tonnes

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	11/07/2007
Water usage	Form water usage1 or other form as agreed in writing by the Agency	11/07/2007
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	11/07/2007
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	11/07/2007

Schedule 6 - 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 PPC Regulations.

Part A

Permit Number	FP3630MZ
Name of operator	Waste Oil Services Limited
Location of Installation	Anne Watson Street, Stoneferry, Hull, HU7 0BH. NGR: TA 1020 3162
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission 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	
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 installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Waste Oil Services Limited

Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*annually*" means once every year.

"*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 4 to the PPC Regulations.

"*authorised officer*" means any person authorised by the 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.

"*background concentration*" means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

"*disposal*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*emissions to land*", includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is 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.

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify/notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

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"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

"*relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990

"site protection and monitoring programme" means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

"technically competent management" and *"technical competence"* shall have the meanings given to them in the Environmental Protection Act 1990.

"waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"WFD" means Waste Framework Directive (75/442/EEC).

"year" means calendar year ending 31 December.

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

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

- (a) 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
- (b) 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

END OF PERMIT