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## **Standard rules SR2008No25\_75kte – clinical waste & healthcare waste treatment and transfer station**

### **Introductory note**

This introductory note does not form part of these standard rules

When referred to in an environmental permit, these rules will allow the operator to operate a site for the treatment of clinical waste to render the waste safe and the storage and transfer of hazardous and non-hazardous clinical and healthcare waste at a specified location, provided that the permitted activities are not carried out within 200 metres of a European Site<sup>1</sup>, Ramsar site or a Site of Special Scientific Interest (SSSI).

Permitted wastes are limited to non-hazardous and hazardous clinical and healthcare waste. The total quantity of waste that can be accepted at a site under these rules must be less than 75,000 tonnes a year. Treatment includes treatment by heat, chemicals and irradiation in order to render the clinical waste safe. The definition of Rendering safe is based on the Department of Health document HTM 07 01 'Safe management of healthcare waste' as treatment that:

- a. for infectious waste – demonstrates the ability to reduce the number of infectious organisms present in the waste to a level that no additional precautions are needed to protect workers or the public against infection by the waste;
- b. for anatomical waste – destroys anatomical waste such that it is no longer generally recognizable;
- c. for any clinical waste – renders any syringes, needles or any other equipment or item unusable and no longer in their original shape and form;
- d. for medicinal waste – destroys the component chemicals of medicinal waste.

Treatment of infectious clinical waste must meet the State and Territorial Association on Alternative Treatment Technologies (STAATT) level III criteria in the manner specified in Environment Agency Guidance.

All treatment activities must take place within a building with an impermeable surface and sealed drainage system. These rules will not permit the mixing of hazardous waste. These rules will also not permit the burning of any wastes, either in the open, inside buildings or in any form of incinerator.

These rules do not allow any point source emission into surface waters or groundwater. However, under the emissions of substances not controlled by emission limits rule:

- Liquids may be discharged into a sewer subject to a consent issued by the local water company.
- Liquids may be taken off-site in a tanker for disposal or recovery.
- Clean surface water from roofs, or from areas of the site that are not being used in connection with storing and treating waste, may be discharged directly to surface waters, or to groundwater by seepage through the soil via a soakaway.

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<sup>1</sup> A candidate or Special Area of Conservation (cSAC or SAC) and proposed or Special Protection Area (pSPA or SPA) in England and Wales.

**End of Introductory note**

# Rules

## 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 rule 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 these standard rules shall have convenient access to a copy of them 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.

## 2 – Operations

### 2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in table 2.1 below ("the activities").

Table 2.1 activities	
Description of activities	Limits of activities
<b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	The maximum quantity of hazardous waste received, stored, treated or repackaged for disposal shall not exceed, individually or aggregated, 10 tonnes per day.
<b>D9:</b> Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12	The treatment of non-hazardous waste for disposal shall not exceed 50 tonnes per day.  The D9 treatment of hazardous waste shall include both thermal/chemical disinfection and shredding/maceration.
<b>R13:</b> Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	There shall be no mixing of hazardous waste.
<b>D14:</b> Repackaging prior to submission to any of the operations numbered D1 to 13	The waste types permitted for treatment (D9), storage (D15 and R13), and repackaging (D14) are set out in tables 2.2a, 2.2b and 2.2c.

## 2.2 Waste acceptance

2.2.1 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in tables 2.2, 2.2a, 2.2b and 2.2c below;
- (b) it conforms to the description in the documentation supplied by the producer and holder; and
- (c) waste acceptance procedures are in place to determine (a) and (b).

Table 2.2 Waste types and quantities	
<b>Maximum Quantities</b>	
The total quantity of waste accepted at the site shall be less than 75,000 tonnes a year	
<b>Exclusions</b>	
<b>Dangerous Goods:</b> Any waste, otherwise permitted by table 2.2a or 2.2b, that is either transported in a vehicle, or is packaged in a manner that does not meet the requirements for carriage of that waste, unless agreed in writing with the Environment Agency for that individual consignment or batch of waste.	

Table 2.2a Waste types permitted for treatment (D9)	
Waste Code	Description
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 03 <sup>1</sup>	wastes whose collection and disposal is subject to special requirements in order to prevent infection.
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 02 <sup>1</sup>	wastes whose collection and disposal is subject to special requirements in order to prevent infection.
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 99 <sup>1</sup>	other fractions not otherwise specified (comprising only of separately collected fractions of municipal clinical waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is subject to special requirements in order to prevent infection).
<sup>1</sup> The following wastes are specifically excluded from waste treatment activities from this waste code: <ul style="list-style-type: none"> <li>(i) : <b>Any waste</b> containing waste medicines and chemicals, waste contaminated with cytotoxic and cytostatic medicines, anatomical waste (identifiable human or animal tissue arising from healthcare), or Dental amalgam;</li> <li>(ii) : <b>Sharps boxes</b> containing any of the excluded wastes from (i) and (iii) or Sharps that are contaminated with pharmaceuticals in any quantity (including syringes that are fully discharged, partially discharged or undischarged).</li> <li>(iii) : <b>Biohazard waste</b> : Any waste known or likely to contain ACDP Hazard Group 4 biological agents; Any waste from a containment level 3 laboratory; and All Microbiological cultures from any source, and, any potentially infected waste from pathology departments and other clinical or research laboratories (Unless autoclaved before leaving the site of production).</li> </ul>	

<b>Table 2.2b Waste types permitted for storage (permitted activities D15 and R13)</b>	
<b>Waste Code</b>	<b>Description</b>
<b>09</b>	<b>WASTES FROM THE PHOTOGRAPHIC INDUSTRY</b>
09 01	Wastes from the photographic industry
09 01 01*	water-based developer and activator solutions <sup>2</sup>
09 01 02*	water-based offset plate developer solutions <sup>2</sup>
09 01 03*	solvent based developer solutions <sup>2</sup>
09 01 04*	fixer solutions <sup>2</sup>
09 01 05*	bleach and bleach fixer solutions <sup>2</sup>
09 01 07	photographic film and paper containing silver or silver compounds <sup>2</sup>
09 01 08	photographic film and paper free of silver or silver compounds <sup>2</sup>
<sup>2</sup> This is limited to wastes of this type arising from medical practices or associated research activities.	
<b>18</b>	<b>WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)</b>
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01	sharps (except 18 01 03)
18 01 02	body parts and organs including blood bags and blood preserves (except 18 01 03)
18 01 03*	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers) (This is limited to non-clinical human offensive/hygiene waste and autoclaved waste from laboratories only)
18 01 06*	chemicals consisting of or containing dangerous substances (excluding X-ray photochemicals)
18 01 07	chemicals other than those mentioned in 18 01 06 (excluding X-ray photochemicals)
18 01 08*	cytotoxic and cytostatic medicines
18 01 09	medicines other than those mentioned in 18 01 08
18 01 10*	amalgam waste from dental care
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01	sharps (except 18 02 02)
18 02 02*	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection. (This is limited to non-clinical animal offensive/hygiene waste and autoclaved waste from laboratories only)
18 02 05*	chemicals consisting of or containing dangerous substances (excluding X-ray photochemicals)
18 02 06	chemicals other than those mentioned in 18 02 05 (excluding X-ray photochemicals)
18 02 07*	cytotoxic and cytostatic medicines
18 02 08	medicines other than those mentioned in 18 02 07
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
20 01	separately collected fractions (except 15 01)
20 01 31*	cytotoxic and cytostatic medicines
20 01 32	medicines other than those mentioned in 20 01 31
20 01 99	other fractions not otherwise specified (comprising of separately collected fractions of municipal clinical waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is subject to special requirements in order to prevent infection).
	other fractions not otherwise specified (comprising only of non-clinical human and

	animal offensive/hygiene waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is not subject to special requirements in order to prevent infection)
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<b>Table 2.2c Waste types permitted for repackaging (D14)</b>	
<b>Waste Code</b>	<b>Description</b>
<b>18</b>	<b>WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)</b>
<b>18 01</b>	wastes from natal care, diagnosis, treatment or prevention of disease in humans
<b>18 01 04</b>	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers) (This is limited to non-clinical human offensive/hygiene waste only)
<b>18 02</b>	wastes from research, diagnosis, treatment or prevention of disease involving animals
<b>18 02 03</b>	wastes whose collection and disposal is not subject to special requirements in order to prevent infection. (This is limited to non-clinical animal offensive/hygiene waste only)
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	separately collected fractions (except 15 01)
<b>20 01 99</b>	other fractions not otherwise specified (comprising only of non-clinical human and animal offensive/hygiene waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is not subject to special requirements in order to prevent infection)

## 2.3 The site

- 2.3.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan attached to the permit.
- 2.3.2 The activities shall not be carried out within 200 metres of a European Site SSSI.

## 2.4 Pre-operational rules

- 2.4.1 Treatment activities shall not be brought into operation until the measures specified in table 2.4 have been completed.

**Table S2.4 Pre-operational measures**

**Pre-operational measures**

1. The operator's confirmation that the construction and installation of the plant has been carried out in accordance with the manufacturer's recommendations, shall be sent to the Environment Agency.
2. A validation report is sent to the Environment Agency that contains the following:
  - (a) a microbial efficacy analysis; that demonstrates that the choice of test organism, the method of introduction to the plant, the choice of organism carrier, and the analytical method are adequate to demonstrate STAATT level III criteria for a worst case scenario challenge load;
  - (b) evidence that effective parametric controls, and procedures for real-time monitoring and assessment of outputs, are in place with respect to any waste treated;
  - (c) evidence that the parametric control data relates to microbial efficacy, so that waste can therefore be considered to be treated satisfactorily on the basis of parametric controls alone;
  - (d) an environmental monitoring assessment of the site that addresses emissions from permitted activities, including emissions from the macerator/shredder;
  - (e) where procedures for operational efficacy monitoring are different from those in (a), evidence that these procedures are appropriate.
3. The operator receives written confirmation from the Environment Agency that the validation report has been agreed.
4. The efficacy monitoring procedure is sent to and agreed in writing by the Environment Agency prior to operations commencing.

## **2.5 Waste labelling and tracking**

- 2.5.1 Containers shall be adequately and securely labelled at all times so that the producer, source of the wastes, contents and date of receipt can be identified.
- 2.5.2 The operator shall maintain a tracking system which can identify wastes prior to their onward dispatch.

## **2.6 Disinfection procedures**

- 2.6.1 The operator shall use appropriate measures to disinfect surfaces and static containers used for the storage of clinical and healthcare wastes.
- 2.6.2 All surfaces where waste is handled and stored shall allow effective disinfection.

## **2.7 Shredding/maceration**

- 2.7.1 Treatment shall be capable of reducing the waste to a particle size of less than or equal to 50mm and no particle shall exceed 80mm in any dimension.

## **2.8 Treatment process validation**

- 2.8.1 Following commencement, the treatment process shall be revalidated at 4 yearly intervals and a validation report submitted within 14 days of the anniversary of each 4 yearly period. Where no validation report is submitted within 14 days of the anniversary of the 4 yearly period, or the Environment Agency does not agree to the validation report, then the treatment process shall cease until the operator has received written confirmation from the Environment Agency that the treatment process can recommence.

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## **2.9 Routine efficacy monitoring**

- 2.9.1 Efficacy monitoring of the treatment process shall be undertaken to demonstrate the correlation between treatment parameters (e.g. temperature, pressure and residence time) and that microbial inactivation to STAATT level III is achieved during routine operation.
- 2.9.2 In the event that the treatment process does not demonstrate the required microbial inactivation levels, the process shall be stopped until the problem has been rectified. The treatment process shall only recommence following agreement in writing by the Environment Agency.

## **2.10 Treatment process quality control**

- 2.10.1 Continuous monitoring of treatment parameters shall be recorded during the waste treatment process. The results of this monitoring shall be checked to confirm that the waste has been treated to the required standard prior to disposal of the treated waste.
- 2.10.2 In the event that the treatment process does not reach the required parametric levels, the process shall be stopped until the problem has been rectified. The treatment process shall only recommence following agreement in writing by the Environment Agency.

# **3 – Emissions and monitoring**

## **3.1 Emissions to air, water or land**

- 3.1.1 There shall be no point source emissions to air, water or land, except from the sources and emission points listed in table 3.1.
- 3.1.2 The limits given in table 3.1 shall not be exceeded.

<b>Table 3.1 Point source emissions</b>					
<b>Monitoring Location</b>	<b>Parameter</b>	<b>Monitoring frequencies</b>	<b>Limit (cfu)</b>	<b>Unit</b>	<b>Monitoring standard and method</b>
Point source process emissions to air	Bacillus spores	Where the introduction of Bacillus spores is required by the Environment Agency to assess emissions from any part of the process.	To be agreed with the Environment Agency	To be agreed with the Environment Agency	To be agreed with the Environment Agency
	Chemicals	To be agreed with the Environment Agency	To be agreed with the Environment Agency	To be agreed with the Environment Agency	To be agreed with the Environment Agency
Waste water	Bacillus spores (spiked organisms)	To be agreed with the Environment Agency	(300) <sup>2</sup>	Per litre	To be agreed with the Environment Agency

Note 2: These benchmarks are indicative only, are based on a specific input dose, and will be reviewed periodically.

### **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 rule if appropriate measures, including, but not limited to, those specified in Table 3.2 below and in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.



**Table 3.2 Appropriate measures for emissions not controlled by emission limits**

Measures
1. All permitted waste shall either be stored: <ul style="list-style-type: none"><li>• within a building provided with an impermeable surface with sealed drainage system; or</li><li>• within sealed containers located on an impermeable surface with sealed drainage system. Sealed containers shall be kept locked when not being loaded or unloaded.</li></ul>
2. All waste treatment activities shall take place within a building provided with an impermeable pavement and sealed drainage system.
3. Compaction shall be limited to treated wastes.
4. Wastes which arrive in bags or other non-rigid containers shall be transferred into rigid containers immediately.
5. Rigid containers for the storage of waste shall be of a design that: <ul style="list-style-type: none"><li>• will prevent the escape of any liquid;</li><li>• has a lockable lid or other means of securing the container.</li></ul>
6. Waste containing or contaminated with cytotoxic and cytostatic medicines shall be kept separate from other wastes.
7. Waste medicines, dental amalgam, medicinally contaminated sharps (including fully discharged syringes) and non-medicinally contaminated sharps shall be kept separate from each other and other wastes and stored in a secure place.
8. Body parts and organs shall be stored in designated refrigerated units within a building.
9. The transfer of waste from vehicles or containers into other vehicles or containers shall only take place on areas with an impermeable surface with sealed drainage system.
10. Waste dispatched from the site shall be packaged in accordance with, and loaded onto vehicles that meet, the appropriate requirements for the carriage of dangerous goods.
11. Washing and disinfection of mobile containers shall take place on areas of impermeable surface with sealed drainage system.

**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;
- (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) maintain and implement an odour management plan;
- (b) 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 specified period, a revised odour management plan;
- (c) implement any approved revised 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;
- (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 monitoring for the parameters, at the locations and at not less than the frequencies specified in table 3.1 and 3.5

3.5.2 The operator shall maintain records of all monitoring required by these standard rules 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.

Table 3.5 Fugitive bioaerosol emissions monitoring (spiked organisms)					
Monitoring Location	Parameter	Monitoring frequencies	Limit (cfu)	Unit	Monitoring standard and method
Air – sample points <10m from the treatment plant.	Bacillus spores	To be agreed with the Environment Agency	1000	Per cubic metre <sup>1</sup>	To be agreed with the Environment Agency
Air – sample points >10m from the treatment plant	Bacillus spores	To be agreed with the Environment Agency	300	Per cubic metre <sup>1</sup>	To be agreed with the Environment Agency
Surface – sample point < 10m from the treatment plant	Bacillus spores	To be agreed with the Environment Agency	(20000) <sup>2</sup>	Per square metre, per hour <sup>1</sup>	To be agreed with the Environment Agency
Surface – sample points > 10 m from the treatment plant.	Bacillus spores	To be agreed with the Environment Agency	(5000) <sup>2</sup>	Per square metre per hour <sup>1</sup>	To be agreed with the Environment Agency

Note 1 : These Units relate to the overall monitoring period so the cfu benchmark applies to

- Each individual sample of air taken, with a calculation made to report the result per cubic metre.
- For each individual settle plate (this is not an average)– a calculation made to adjust for surface area of a settle plate and exposure time (for example if settle plates are deployed for only 15 minutes of every hour then the result must be multiplied by 4).
- Each individual sample of water taken, with a calculation made to report the result per litre.

Note 2: These benchmarks are indicative only, are based on a specific input dose, and will be reviewed periodically.

## 4 – Information

### 4.1 Records

4.1.1 All records required to be made by these standard rules 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 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 land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by these standard rules, 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 these standard rules to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Within one 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 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 these standard rules; or
- (c) any significant adverse environmental effects.

4.3.2 Written confirmation of actual or potential pollution incidents and breaches of emission limits shall be submitted within 24 hours.

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

undertaken.

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

- a) Where the operator is a registered company:
  - any change in the operator's trading name, registered name or registered office address; and
  - any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- b) Where the operator is a corporate body other than a registered company:
  - any change in the operator's name or address; and
  - any steps taken with a view to the dissolution of the operator.
- c) In any other case:
  - the death of any of the named operators (where the operator consists of more than one named individual);
  - any change in the operator's name(s) or address(es); and
  - 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 them being in a partnership, dissolving the partnership.

## 4.4 Interpretation

4.4.1 In these standard rules the expressions listed below shall have the meaning given.

4.4.2 In these standard rules references to reports and notifications mean written reports and notifications, except when reference is being made to notification being made "without delay", in which case it may be provided by telephone.

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

*"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.

*"Annex IIA"* means Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*"building"* means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

*"cytotoxic and cytostatic medicines"* means any medicinal product that possesses one or more of the hazardous properties H6 Toxic, H7 Carcinogenic, H10 Toxic for Reproduction and H11 Mutagenic.

*"D"* means a disposal operation provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*"clinical waste"* has the meaning given in the Controlled Waste Regulations 1992 as:

- i) any waste which consists wholly or partly of human or animal tissue, blood or other body fluids, excretions, drugs or other pharmaceutical products, swabs or dressings, or syringes, needles or other sharp instruments, being waste which unless rendered safe may prove hazardous to any person coming into contact with it; and
- ii) any other waste arising from medical, nursing, dental, veterinary, pharmaceutical or similar practice, investigation, treatment, care, teaching or research, or the collection of blood for transfusion, being waste which may cause infection to any person coming into contact with it.

*"emissions of substances not controlled by emission limits"* means emissions of substances to air, water or land from the activities, either from emission points specified in these standard rules or from other localised or diffuse sources, which are not controlled by an emission limit.

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

*"European Site"* means Special Area of Conservation or candidate Special Area of Conservation or Special Protection Area or proposed Special Protection Area in England and Wales, within the meaning of Council Directives 79/409/EEC on the conservation of wild birds and 92/43/EEC on the conservation of natural habitats and of wild flora and fauna and the Conservation (Natural Habitats &c) Regulations 1994.

Waste tonnage return form Version: 1.1



Office use only

Sent requiring correction (DD/MM/YYYY)

Date of issue (DD/MM/YYYY)

Return rejected (DD/MM/YYYY)

Date received (DD/MM/YYYY)

Return submitted (DD/MM/YYYY)

Use this form to tell us the type and quantity of controlled waste you have processed on your site over the last quarter. Please read through the whole form and guidance notes before you start filling anything in. Mandatory fields marked by \*

Your return must be submitted within the following period:

After: and before:

Failure to comply with these dates may result in enforcement.

When completed please post to:

National Operator Returns Team
The Environment Agency
Customer Contact Centre
Quadrant Two
99 Parkway Avenue
Sheffield
S9 4WF

Please contact 08708 506 506 if you have any queries.

1 Return period and contact details

Return period \*

Contact name for this return \*

Position \*

Contact tel. \*

Contact email

2 Permit, operator and site details

Permit No. \*

Site operator name \*

Site name \*

Site address \*

Postcode \*

Type of facility \*

2 Permit, operator and site details, continued

Are you operating a landfill? \*

Yes [ ]

No [ ]

If yes, go to Section 3. If you are not operating a landfill, go to Section 4.

3 Landfill sites only

This section must be completed for landfill sites.

Remaining void space covered by this permit

cubic metres.

Method of calculating void space

Date last surveyed or estimated (DD/MM/YYYY)

4 Return details

Are you submitting a nil return?\*

Yes [ ]

No [ ]

If submitting a nil return, state reason for nil return, then go to the Declaration - Section 7 on page 2.

If not submitting a nil return was a weighbridge used?

(Complete this if your answer to 4 was No)

Yes [ ]

No [ ]

If yes, give percentage weighed

%

Now go to Sections 5 and 6 (Waste received and Waste removed).

## 7 Declaration

*Please make sure you have filled in all the sections that apply to you before signing this declaration.*

I certify that the information in this return is correct to the best of my knowledge and belief.

I enclose \_\_\_\_\_ continuation sheets

Title \_\_\_\_\_

First name \_\_\_\_\_

Last name \_\_\_\_\_

Position \_\_\_\_\_

Phone \_\_\_\_\_

Date (DD/MM/YYYY) \_\_\_\_\_

Signature \_\_\_\_\_

The information you provide will be used by the Environment Agency to enable it to fulfill its regulatory and waste management planning responsibilities

## 8 The Data Protection Act 1998

We, the Environment Agency, will process the information you provide so that we can deal with your application, make sure you keep to the conditions of the license, permit or registration, process renewals and keep the public registers up to date.

- offer you documents or services relating to environmental matters
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues
- carry out research and development work on environmental issues
- provide information from the public register to anyone who asks
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take any action that is needed
- assess whether customers are satisfied with our service, and to improve our service, and
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows).

We may pass the information on to our agents or representatives to do these things for us.



**6 Waste removed from site**

Destination	EWC waste code	Municipal source (Y/N)	State	Destination Facility Disposal and Recovery code	Amount in tonnes
<b>Running total</b>					









This waste tonnage return form asks you to tell us about the types and quantities of controlled waste you have handled at your site.

Please complete a copy of this form every quarter and send it to us within 1 month of the end of the reporting quarter.

*The Quarters are Q1: 1 January to 31 March, Q2: 1 April to 30 June, Q3: 1 July to 30 September, Q4: 1 October to 31 December.*

## How to use the form - Introductory notes

Please read through the whole form and these guidance notes before you start filling anything in.

Please note that if you have more than one facility covered by your permit/licence, you will need to combine all your figures for the facilities into a single return form.

When you fill in the form you will also need a copy of the GOR picklists.

This lists all of the items we need in sections 5 and 6, including:

- the district/county councils within your region
- List of Waste Regulations (LOWR) which give details of all European Waste Classification Codes (EWC)
- Disposal or Recovery codes

**Please note that mandatory fields are marked with an asterisk.**

## Continuation Sheets

We have not sent you a continuation sheet. In the case that you need a continuation sheet for sections 5 or 6, please call us on 08708 506 506.

If you do use a continuation sheet(s), please make sure you label each sheet clearly with your waste permit number. *This can be found on the front of your licence/permit.*

You should also tell us how many continuation sheets you are using when you fill in section 7 'Declaration' of the form.

*You can photocopy the form or continuation sheet if you then need further copies.*

## If you need help and advice

We have tried to make the form as straightforward as possible, but please get in touch with us if you:

- need any advice on how to set out the information we need
- have any other questions about the waste returns process

Please call our National Operator Returns Team on 08708 506 506 if you have any queries.

## How to complete the form

### Section 1 The return period and contact details

Please enter the appropriate quarter as months, as shown above and the year.

Please add the contact details for this return.

*If any details are incorrect, the form will be sent back to you.*

### Section 2 Permit, operator and site details

#### Site Operator

Please enter your Permit number, and site operator details from your current waste management licence or permit.

#### Type of facility

Please enter the facility type from the details stated on your waste management licence or permit.

### Section 3 Landfill sites only

Landfill operators should complete this section as at 31 March in the current year. Please complete question 2.5 even if you are making a 'nil return' which means that no waste has been received or removed from the site during the return period.

#### Remaining voidspace covered by the licence/permit

Please enter the remaining landfill void space covered by your licence or permit in cubic metres at 31 March in the current year. 'Void space' is the licensed/permitted capacity remaining at your site and this should only include areas covered by a waste management licence or permit and planning permission.

### Section 4 Return details

#### Nil Return?

Please say whether you are submitting a nil return and state the reason for the nil return from the GOR picklist.

#### Was a weighbridge used?

Please say whether you used a weighbridge (either at your facility or a public weighbridge) before deposit. Enter the weighed proportion of waste accepted as a percentage.

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## Section 5 Waste received on site

Before you complete this section make sure you have a copy of the GOR picklists which lists all of the items we need in section 5, including:

- List of Waste (England) Regulations 2005 (LOWR) which gives details of all European Waste Codes
- A list of the district/county councils

We need to know about each batch of waste you receive from a different source. For each batch please give:

- its place of origin.
- details of the waste (EWC code, physical state, amount, units used) processed at this site.

*Please use the continuation sheet available on request, or a copy of it, if you need to.*

### Origin

Please enter the local authority district where the waste originated. If the district is not known, enter the county council or planning region where the waste originated.

*A list of district/counties is included in the GOR picklists.*

### EWC Code

Please enter the EWC code as shown in the List of Waste (England) Regulations 2005 and GOR picklists.

### Disposal or Recovery Code

Please enter the Disposal or Recovery code as shown in the GOR picklists that is relevant to this waste received.

### State

Please enter the physical state of the waste (*whether it is solid, liquid, powder, sludge or gas*).

### From another facility

Please enter the type of facility where the waste came from as shown in the GOR picklists.

### Amount in tonnes

Please give the amount in tonnes of each specific waste type received from each district of origin.

### Units

Please note that quantities of waste must be reported using units of Tonnes. To convert other units to Tonnes please use our waste conversion factors which are available from our website or by contacting us.

### Pre-treatment

Please select from the list of pre-treatment options included in the GOR picklists.

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## Section 6 Waste removed from site

Before you complete this section make sure you have a copy of the GOR picklists which lists all of the items we need in section 6, including:

- List of Waste (England) Regulations 2005 (LOWR) which gives details of all European Waste Codes
- A list of the district/county councils

We need to know about each batch of waste you send to a different source. For each batch please give:

- the destination you are sending it to
- details of the waste (EWC code, physical state, amount, units used) removed from this type.

*Please use the continuation sheet available on request, or a copy of it, if you need to.*

### Destination

Please enter the local authority district where the waste is sent. If the district is not known, enter the county council or planning region of destination.

*A list of district/counties is included in the GOR picklists.*

### EWC Code

Please enter the EWC code as shown in the List of Waste (England) Regulations 2005 and GOR picklists.

### State

Please enter the physical state of the waste (*whether it is solid, liquid, powder, sludge or gas*).

### Destination facility Disposal or Recovery Code

Please enter the Disposal or Recovery code as shown in the GOR picklists that is relevant to this waste removed.

### Amount in tonnes

Please give the amount in tonnes of each specific waste type removed to each district.

### Units

Please note that quantities of waste must be reported using units of Tonnes. To convert other units to Tonnes please use our waste conversion factors which are available from our website or by contacting us.

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## Sending the form back to us

You should return the form back to us:

- no later than one month after the quarter end
- using the address printed at the top of page 1 of the form

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## Additional Information

For general enquiries please call our general enquiry number 08708 506 506 between 8.00am and 6.00pm.

Internationally designated Ramsar sites are dealt with in the same way as European sites as a matter of government policy and for the purpose of these rules will be considered as a European Site.

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

"*healthcare waste*" means a waste classified under Chapter 18 of the List of Wastes, which is waste from Human and Animal Health Care and/or Related Research.

"*impermeable surface*" means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface, and should be read in conjunction with the term "sealed drainage system" (below).

"*mixing of hazardous waste*" means mixing hazardous waste as defined by Regulation 18 of the Hazardous Waste (England and Wales) Regulations 2005.

"*pollution*" means emissions as a result of human activity which may—

- (a) be harmful to human health or the quality of the environment,
- (b) cause offence to a human sense,
- (c) result in damage to material property, or
- (d) impair or interfere with amenities and other legitimate uses of the environment.

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

"*R*" means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"*requirements for carriage*" means the requirements of the current Carriage Regulations, which implement the ADR.

"*sealed container*" means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

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

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

"*sharps*" means items that could cause cuts or puncture wounds. They include needles, hypodermic needles, scalpels and other blades, knives, infusion sets, saws, broken glass, and nails.

"*SSSI*" means Site of Special Scientific Interest within the meaning of the Wildlife and Countryside Act 1981 (as amended by the Countryside and Rights of Way Act 2000).

"*STAATT Level III*" means the level III criteria set by the State and Territorial Association on Alternative Treatment Technologies (STAATT), as interpreted by Environment Agency guidance EPR 5.07 Version 1.0. The STAATT Level III criteria requires the inactivation of vegetative bacteria, fungi, lipophilic/hydrophilic viruses, parasites and mycobacteria at a 6 log<sub>10</sub> reduction or greater; and inactivation of *Geobacillus stearothermophilus* or *Bacillus atrophaeus* spores at a 4 log<sub>10</sub> inactivation or greater.

"*waste acceptance*": appropriate measures to determine if waste is of a type and quantity listed in table 2.2 and conforms to the description in the documentation supplied by the producer and holder is set out in Environment Agency guidance EPR 5.07 Version 1.0.

"*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.

"*year*" means calendar year commencing on 1<sup>st</sup> January.

**End of standard rules**

