

# Standard rules SR2010No17

## Storage of wastes to be used in land treatment

(storage of waste prior to use)

### Introductory note

This introductory note does not form part of these standard rules.

When referred to in an environmental permit, these standard rules will allow the operator to temporarily store waste prior to its use in land treatment.

Permitted wastes do not include hazardous wastes. These standard rules do not permit the burning of any wastes, either in the open, inside buildings or in any form of incinerator.

The activities shall not be carried out within

- groundwater Source Protection Zone 1, or if a Source Protection Zone has not been defined then within 50 metres of any well spring or borehole used for the supply of water for human consumption including from a private water supply or supplies.
- 200 metres of a European Site<sup>1</sup>, Ramsar Site or a Site of Special Scientific Interest (SSSI).
- 200 metres from any off-site building used by the public, including dwelling houses.

These standard 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, clean surface water from roofs, or from areas of the site not being used in connection with the waste operation (including storage of wastes), may be discharged directly to surface waters, or to groundwater by seepage through the soil via soakaway.

**End of introductory note**

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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.

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# 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, so far as is reasonably practicable, including those risks arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of the permit.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Avoidance, recovery and disposal of wastes produced by the activities

- 1.2.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## 2 – Operations

### 2.1 Permitted activities

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

<b>Table 2.1 Activities</b>	
<b>Description of activities</b>	<b>Limits of activities</b>
<b>R13:</b> Storage of wastes pending recovery by land treatment	<p>Secure storage of waste listed in table 2.3</p> <p>Waste shall not be stored on site for longer than 3 years.</p> <p>The maximum quantity of waste accepted shall not exceed 75,000 tonnes per year.</p> <p>The maximum storage capacity of the site shall not exceed 75,000 cubic metres.</p> <p>Individual wastes must be stored separately.</p>

## 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 attached to the permit.

2.2.2 The activities shall not be carried out within:

- (a) 200 metres of a European Site or a Site of Special Scientific Interest (SSSI);
- (b) groundwater Source Protection Zone 1, or if a Source Protection Zone has not been defined then within 50 metres of any well spring or borehole used for the supply of water for human consumption. This should include private water supplies.
- (c) 200 metres of any off-site building used by the public, including dwelling houses.

## 2.3 Waste acceptance

2.3.1 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in table 2.3 of these rules; and;
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.2 Records demonstrating compliance with rule 2.3.1 shall be maintained.

<b>Table 2.3</b>	<b>Waste Types</b>
	<b>Exclusion - waste containing Hazardous substances (as defined in Environment Permitting Regulations 2010) shall not be accepted</b>
<b>Waste Code</b>	<b>Description</b>
<b>01</b>	<b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL CHEMICAL TREATMENT OF MINERALS</b>
01 01	wastes from mineral excavation
01 01 02	chalk only
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	chalk only
<b>02</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>

02 01	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 01	Soils and sludges from washing and cleaning fruit and vegetables only
02 01 06	farmyard manure and slurry, horse manure and soiled bedding made from plant tissue only
02 01 99	milk from agricultural premises only
02 01 99	untreated wash waters from cleaning fruit and vegetables on farm only
02 01 99	slurry and manure and soiled bedding from any premises except abattoirs, soiled biodegradable bedding not made from plant tissue, soiled bedding desiccants only
02 02	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>
02 02 01	untreated wash waters and sludges from washing and cleaning from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only
02 02 01	wash waters and sludges from secondary food processing or the cook chill sector
02 02 02	egg shells from hatcheries, processing plants and similar premises
02 02 02	shellfish shells from which the soft tissue or flesh has been removed
02 02 02	cooked shellfish shell which is not completely free of flesh
02 02 02	blood and gut contents from abattoirs, poultry preparation plants, rendering plant or fish preparation plants only
02 02 04	sludges from on-site effluent treatment plant from abattoirs, poultry preparation plants, rendering plants or fish preparation plants only
02 02 99	slurry and manure and soiled bedding from abattoirs including soiled biodegradable bedding not made from plant tissue and soiled bedding desiccants only
02 02 99	washwaters from animal by-product handling and processing plants that meet the waste water treatment requirements in the ABPR
02 02 99	processed animal by-product material from rendering plants
02 02 99	catering waste
02 03	<b>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</b>
02 03 01	sludges from washing and cleaning produced during food preparation and processing only
02 03 01	wash waters and sludges from secondary food processing or the cook chill sector
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 04	biodegradable materials unsuitable for consumption or processing only
02 03 05	Effluent from the on-site treatment of wash waters from cleaning fruit and vegetables on farm only
02 03 05	sludges from on site effluent treatment
02 03 99	soils from cleaning and washing fruit and vegetables only
02 03 99	untreated wash waters from cleaning fruit and vegetables on farm only
02 03 99	biodegradable wastes not otherwise specified from the processing of such materials including those from secondary food processing or the cook-chill sector
02 04	<b>wastes from sugar processing</b>
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 04 99	biodegradable wastes not otherwise specified derived from the processing of sugar
02 05	<b>wastes from the dairy products industry</b>
02 05 01	biodegradable materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 05 99	biodegradable wastes not otherwise specified derived from the processing of dairy products
02 06	<b>wastes from the baking and confectionery industry</b>
02 06 01	biodegradable materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 06 99	biodegradable wastes not otherwise specified from the processing of materials used in baking and confectionary
02 07	<b>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>

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
02 07 99	biodegradable wastes not otherwise specified from the processing of the raw materials used in the production of such beverages only
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>
<b>03 03</b>	<b>wastes from pulp, paper and cardboard production and processing</b>
03 03 05	de-inked paper sludge and de-inked paper pulp from paper recycling only
03 03 09	lime mud waste
03 03 10	fibre rejects and sludges including mineral based fillers and coatings only
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
<b>04</b>	<b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>
<b>04 01</b>	<b>wastes from the leather and fur industry</b>
04 01 07	sludges from on-site effluent treatment free of chromium
<b>04 02</b>	<b>wastes from the textile industry</b>
04 02 10	organic matter from natural products only
04 02 15	biodegradable wastes from finishing other than those containing organic solvents only
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>
<b>05 01</b>	<b>wastes from petroleum refining</b>
05 01 10	activated sludges from on-site oil refinery biological effluent treatment plants other than those mentioned in 05 01 09
<b>07</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 07</b>	<b>wastes from the manufacture, formulation, supply and use of fine chemicals and chemical products not otherwise specified</b>
07 07 12	sludges from on-site biological effluent treatment plant at chemical manufacturing sites other than those mentioned in 07 07 11 only
<b>10</b>	<b>WASTE FROM THERMAL PROCESSES</b>
<b>10 01</b>	<b>waste from power stations and other combustion plants</b>
10 01 01	poultry litter ash, paper sludge ash and ash from wood chip boilers only
10 01 01	meat and bone meal ash
10 01 05	flue gas gypsum (solid) only
10 01 07	flue gas gypsum (sludge) only
<b>10 13</b>	<b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>
10 13 04	wastes from calcinations and hydration of lime
10 13 13	cement kiln dusts and by-pass dust other than those mentioned in 10 13 12 only
10 13 99	gypsum only
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 03</b>	<b>off-specification batches and unused products</b>
16 03 06	out of date and out of specification beverages only
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>
16 10 02	washwaters from animal by-product intermediate plants that meet the waste water treatment requirements in the ABPR
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<b>17 05</b>	<b>soils (excluding excavated soils from contaminated sites), stones and dredgings</b>
17 05 04	topsoil, peat, subsoil and stones only other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
<b>19</b>	<b>WASTE FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>
<b>19 01</b>	<b>wastes from incineration and pyrolysis of waste</b>

19 01 12	ash from the incineration of pig and poultry carcasses at premises used for agriculture only
19 01 18	biochar manufactured from untreated wood, bark, and cork from the furniture manufacturing and wood processing industries (including untreated sawdust, wood shavings, and wood cuttings, except from particle board).
19 01 18	biochar manufactured from untreated wood and plant matter from agriculture, horticulture and forestry, or from vegetable waste from food preparation and processing.
19 02	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 03	cement kiln dust and by-pass dust from cement kilns conditioned with water only
19 05	<b>wastes from the aerobic treatment of waste</b>
19 05 99	compost derived from non-source segregated biodegradable waste
19 05 99	liquor and digestate from aerobic treatment of source segregated biodegradable waste only
19 06	<b>wastes from anaerobic treatment of waste</b>
19 06 03	liquor from anaerobic treatment of non-source segregated biodegradable waste
19 06 04	whole digestate and fibre digestate from anaerobic treatment of non-source segregated biodegradable waste
19 06 05	liquor from anaerobic treatment of source segregated biodegradable waste
19 06 06	whole digestate and fibre digestate from anaerobic treatment of source segregated biodegradable waste
19 06 06	whole digestate and fibre digestate from anaerobic treatment of source segregated biodegradable waste and sludges from treatment of urban waste water only
19 08	<b>waste from waste water treatment plants</b>
19 08 02	washed sewage grit (waste from desanding) only
19 08 05	treated sludges from treatment of urban waste water
19 09	<b>wastes from the preparation of water intended for human consumption or water for industrial use</b>
19 09 02	sludges from water clarification
19 12	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 12	soil substitutes other than that containing dangerous substances only
19 12 12	recycled gypsum from plasterboard
19 13	<b>wastes from soil and groundwater remediation</b>
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
20	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
20 02	<b>garden and park wastes (including cemetery waste)</b>
20 02 01	seaweed only
20 02 02	soils and stones

## 2.4 Operating techniques

2.4.1 The activities shall be operated using the techniques and in the manner described in Table 2.4 below.

**Table 2.4 Operating techniques**

<ol style="list-style-type: none"> <li>1. All stackable wastes shall be securely stored on an impermeable surface with sealed drainage.</li> <li>2. Waste digestate and other high readily available nitrogen wastes shall only be within covered containers or covered lagoons which shall be of a design and capacity fit for purpose.</li> <li>3. All non-stackable waste shall be stored within a secure container or containers (including lagoons) of an appropriate capacity, designed and constructed in accordance with an appropriate specification in CIRIA Report C759 Livestock manure and silage storage infrastructure for agriculture</li> </ol>
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| <ol style="list-style-type: none"><li>4. Non-stackable waste shall not be stored within 0.3 metres of the top of an open storage container or within 0.75 metres of the top of a lagoon</li><li>5. Wastes consisting solely or mainly of dusts, powders or loose fibres shall be stored in a building.</li></ol> |
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## **3 – Emissions and monitoring**

### **3.1 Emissions of substances not controlled by emission limits**

- 3.1.1 There shall be no point source emissions to land or water. 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 any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.1.2 The operator shall:
- (a) maintain and implement an emissions management plan;
  - (b) 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, a revised emissions management plan;
  - (c) implement any approved revised fugitive emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.1.3 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.

### **3.2 Odour**

- 3.2.1 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.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **3.3 Noise and vibration**

- 3.3.1 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.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to 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.

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## 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.



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- 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.

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

*"European Site"* means a European site within the meaning of Regulation 8 of the Conservation of Habitats and Species Regulations 2017.

*"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.

*"Groundwater Regulations"* means the Groundwater Regulations SI 2009 No. 2902.

*"groundwater Source Protection Zone"* has the meaning given in the document titled "Groundwater Protection: Principles and practice" (GP3) published by the Environment Agency in 2013

*"high readily available nitrogen wastes"* has the meaning given in the Nitrate Pollution Prevention Regulations 2015, i.e. organic wastes in which more than 30% of the total nitrogen content is available to the crop at the time of spreading

*"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.

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

*"secure storage"* means storage where waste cannot escape and members of the public do not have access to it and "secure containers" shall be interpreted accordingly.

*"site"* means the location where storage activities can take place.

*"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).

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

### End of standard rules