

a gwell
ig a better place



Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

**ENVIRONMENTAL PROTECTION ACT 1990.
SECTION 37**

**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

LICENCE REF No:- EAWML30338	FACILITY TYPE:- Transfer Station, Materials Recovery Facility and Composting Facility
LICENCE HOLDER: THE COUNTY COUNCIL OF THE CITY AND COUNTY OF CARDIFF of County Hall, Cardiff, CF10 4UW	LICENSED FACILITY: Lamby Way, Rumney, Cardiff, CF3 4EQ

WHEREAS on the 24th March 2005 the Environment Agency issued a waste management licence in pursuance of its powers under Part II of the Environmental Protection Act 1990 for the above named facility to you.

NOTICE IS HEREBY GIVEN that the Agency modifies the conditions of the said licence in accordance with Section 37(1)(a) and 37 (1) (b) of the Environmental Protection Act 1990 and as set out in the Schedule attached to this notice.

Signed 
Sean Puce
National Permitting Centre Manager Cardiff

Dated 24 July 2007

This modification shall take effect on 25th July 2007 at 00.01 hours

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL OVERLEAF OF THIS
NOTICE.**

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the National Assembly for Wales, a licence is granted subject to conditions, the applicant may appeal from the decision to the National Assembly for Wales.

Therefore, if you feel aggrieved by the decision detailed on the attached notice, you may obtain the appropriate form on which to give written notice of an appeal from: -

The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 02920 823859
Fax: 02920 825150

This notice of appeal should be accompanied by the following information:

a statement of the grounds of appeal;

a copy of the licence;

a copy of any correspondence relevant to the appeal;

a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development and

a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

You are also required to serve a copy of your notice of appeal, together with copies of any the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address below). You should appeal within 6 months of the date that this notice takes effect but the National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.

Environment Agency
Cambria House
29, Newport Road
Cardiff
CF24 0TP

Asiantaeth yr Amgylchedd
Ty Cambria
29 Heol Casnewydd
Caerdydd
CF24 0TP

SCHEDULE 2 – CONDITIONS RELATED TO THIS MODIFICATION

Modification of conditions under section 37(1)(a) and 37 (1)(b) as follows:

Delete and replace all conditions

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 licence holder 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 persons having duties that are or may be affected by the matters set out in this licence shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Accident management plan

- 1.2.1 The licence holder 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 Site security

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

2 – OPERATIONS

2.1 Licensed activities

- 2.1.1 The licence holder is authorised to carry out the activities specified in schedule 2, table 2.1 ("the activities").

2.2 Waste acceptance

- 2.2.1 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2, table 2.2; and
- (b) except for household waste accepted from householders it conforms to the description in the documentation supplied by the producer and holder.

New
Condition

4.2.2 ↔ 2.2.2 Records shall be maintained of all waste accepted onto the site.

2.3 - OPERATING TECHNIQUES: All Modern waste permits have this condition.
Table 51.2 is used to refer to relevant standards and your own operating measures.

3 - EMISSIONS AND MONITORING

3.1 Emissions to air, water, or land

3.1.1 ↔ 3.1.1 There shall be no point source emissions to air, water, or land except from the sources and emission points listed in schedule 3, tables 3.1. The only discharges to controlled waters are surface water from the roofs of buildings and from areas of the site not used for the storage of wastes.

3.1.2 ↔ 3.1.2 The limits given in schedule 3, tables 3.1 shall not be exceeded.

REPORTING:

4.2.2 ↔ 3.2.1

3.2 Transfers off-site

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

3.2.1 ↔ 3.3.1 Fugitive emissions of substances (excluding odour and noise) shall not cause pollution. The licence holder 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 Litter or mud arising from the activities shall not cause pollution. The licence holder 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, the litter and mud.

3.3.3 Litter and mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.

3.2.2 Standard condition which allows for the use of a "fugitive emissions" management plan, if ever needed.

3.2.3 ↔ 3.3.4 All liquid wastes, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the licence holder 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

3.3.1 ↔ 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 licence holder has used appropriate measures to prevent or where that is not practicable, to minimise, the odour.

3.5 Noise

3.4.1 ↔ 3.5.1 Emissions from the activities shall be free from noise at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the licence holder has used appropriate measures to prevent or where that is not practicable, to minimise, the noise.

3.4.2 = Standard condition which allows for the use of a specific noise management plan, if ever needed.

3.6 Pests

3.6.1 ↔ 3.6.1 Scavenging animals, scavenging birds and other pests shall not cause pollution. The licence

New
Condition
#

3.6.2 Standard condition allowing for the use of a specific pests management plan, if ever needed.

3.7 Monitoring

3.7.1 ← → 3.7.1

The licence holder 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 schedules and tables to this licence.

- (a) Schedule 3, table 3.2 and Table 3.3

RECORDS
(4.1.1)

4.1.2 ← → 3.7.2

The licence holder 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.

4 – INFORMATION

4.1 Records

4.1.1 ← → 4.1.1

All records required to be made by this licence 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 Agency, for at least 6 years from the date when the records were made, or in the case of the following records until licence surrender:
 - (i) off-site environmental and health effects; and
 - (ii) the condition of land and groundwater.

Covered by our
General Powers
Under Regulation
60 - EPR 2010 (as amended)

← → 4.1.2

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

4.2 Reporting

4.2.1 ← → 4.2.1

All reports and notifications required by the licence shall be sent to the Agency using the contact details supplied in writing by the Agency.

REPORTING

4.2.2 ← → 4.2.2

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.

4.3 Notifications

4.3.1 ← → 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 this licence; and

New
Condition
#

(c) any significant adverse environmental and health effects.

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

(Template in
Schedule 5 of the permit).

4.3.5 \longleftrightarrow 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 all or part of the activities for a period likely to exceed 3 months;
- (c) resumption of the operation of all or part of the activities after a cessation notified under (b) above

4.3.3 \longleftrightarrow 4.3.4 Where the Agency has requested in writing that it shall be notified when the licence holder is to undertake monitoring and/or spot sampling, the licence holder shall inform the Agency when the relevant monitoring is to take place. The licence holder shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.5 \longleftrightarrow 4.3.5 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.
(and EMS
Condition 1.1.1)

4.3.5 \longleftrightarrow 4.3.6 The Agency shall be notified within 14 days of the licence holder and/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.
(and EMS
Condition 1.1.1)

General obligation on permit holders, re: 'competent operator' status.

4.3.4 \longleftrightarrow 4.3.7 The Agency shall be notified within 14 days of the licence holder and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.

4.3.8 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) Where the licence holder is a registered company:
 - any change in the licence holder's trading name, registered name or registered office address;
 - any change to particulars of the licence holder's ultimate holding company (including details of an ultimate holding company where a licence holder has become a subsidiary);
 - any steps taken with a view to the licence holder going into administration, entering into a company voluntary arrangement or being wound up; and
 - if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.
- b) Where the licence holder is a corporate body other than a registered company:
 - any change in the licence holder's name or address;
 - any steps taken with a view to the dissolution of the licence holder; and
 - if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.
- c) In any other case:
 - the death of any of the named licence holders (where the licence holder consists of more than one named individual);
 - any steps taken with a view to the licence holder, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership; and
 - if the licence holder is not the operator: any change in the operators trading name; address; registered name or registered office address.

4.3.5 <-----> 4.3.9 The Agency shall be notified at least 7 days in advance of the commencement of any of the activities.
[> Although this condition should not be 'needed' now, as all activities (apart from IVC) are operational.

4.4 Interpretation

4.1.1 <-----> 4.4.1 In this licence the expressions listed in schedule 4 shall have the meaning given in that schedule.

4.2.2 -----> standard condition in all modern permits.

New Permit
Equivalent =

Schedule
1

Schedule 2 - Operations

Table
S1.1

This is the
activity
transferred
to kelda.
It is not
reproduced
in the
modern
permit.

Activity
Reference
A1.

*

Table 2.1 Licensed activities	
Description of activities	Limits of activities
COMPOSTING IN OPEN WINDROWS	
R13: Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where it is produced.	The storage, physical treatment, composting and maturation of wastes must take place in a well-ventilated building on an impermeable surface with a sealed drainage system, or outdoors on areas of impermeable surface with a sealed drainage system.
R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	<p>The storage, physical treatment, composting and maturation of wastes must not take place in any form of enclosed reactor vessel.</p> <p>The storage, physical treatment, composting and maturation of wastes under anaerobic conditions shall be prevented, or where that is not practicable, minimised.</p>
COMPOSTING IN CLOSED VESSELS	
R13: Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where it is produced.	<p>The storage, physical treatment and maturation of wastes must take place in a well-ventilated building on an impermeable surface with a sealed drainage system, or outdoors on areas of impermeable surface with a sealed drainage system.</p> <p>The composting of wastes must take place in an enclosed reactor vessel fitted with a bio-filter.</p> <p>The maturation of wastes must take place in an enclosed reactor vessel fitted with a bio-filter, or in windrows located either indoors or outdoors.</p>
R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	<p>The storage, physical treatment, composting and maturation of wastes under anaerobic conditions shall be prevented, or where that is not practicable, minimised.</p> <p>Waste types as specified in Table S2.1.</p>

NOTE: → Modern permits separate art waste types into individual relevant activities. Each having their own table in Schedule 2 of Modern permits.

Table 2.1 Licensed activities

(continued)

Activity
Reference
A2 A3

Description of activities	Limits of activities
HOUSEHOLD AMENITY SITE	
D15: Storage of waste pending any of the operations listed in paragraphs 1 to 14 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where the waste is produced.	Cement bonded asbestos waste must be double bagged and kept within clearly identified, secure lockable containers.
✓ R13: Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where it is produced.	All waste must be kept on an impermeable surface with sealed drainage.
D14: Repackaging of waste prior to the waste being submitted to any of the operations listed in paragraphs 1 to 13 of this Part of this Schedule.	The maximum quantity of hazardous waste and waste oils (in aggregate) that can be accepted, stored or treated at the site in connection with a disposal operation shall not exceed 10 tonnes per day. Hazardous wastes for disposal must be kept within clearly identified, secure lockable containers.
D9: Physico-chemical treatment of waste not listed elsewhere in this Part of this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule (for example, evaporation, drying, calcination).	Treatment consisting only of manual sorting, separation, shredding or compaction of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.
✓ R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	Waste must be treated on an impermeable surface with sealed drainage. There <u>must not</u> be any treatment of asbestos waste
✓ R4: Recycling or reclamation of metals and metal compounds	* Waste types as listed in table S2.2.
✓ R5: Recycling or reclamation of other inorganic materials	

Activity
Reference
A3 A2

MATERIAL RECYCLING FACILITY	
✓ R13: Storage of waste consisting of materials intended for submission, on this site to any of the category "R" operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	✓ All waste must be kept on an impermeable surface with sealed drainage.
✓ R3: Recycling or reclamation of organic substances which are not used as solvents	Treatment consisting only of manual sorting, separation, screening, shredding, baling or compaction of waste into different components for recovery.
✓ R4: Recycling or reclamation of metals and metal compounds	✓ Waste must be treated within a building and on an impermeable surface with a sealed drainage system.
✓ R5: Recycling or reclamation of other inorganic materials.	* Waste types as listed in table S2.3.

NOTE: Bulking-up has been included in the draft Modern Permit, as I think this also happens as part of this activity; and we would include it in modern permits.

Activity Reference
A4.

Table 2.1 Licensed activities (continued)	
Description of activities	Limits of activities
HOUSEHOLD, COMMERCIAL AND INDUSTRIAL WASTE TRANSFER STATION WITH TREATMENT	
<p>D15: Storage of waste pending any of the operations listed in paragraphs 1 to 14 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where the waste is produced.</p> <p>R13: Storage of waste pending any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule, but excluding temporary storage, pending collection, on the site where it is produced.</p> <p>D14: Repackaging of waste prior to the waste being submitted to any of the operations listed in paragraphs 1 to 13 of this Part of this Schedule.</p>	<p>All bulking or transfer of non-hazardous waste must be carried out inside a building.</p> <p>Non-hazardous wastes must be kept in a building or within a secure container. Non-hazardous waste must be kept on an impermeable surface with sealed drainage.</p> <p>Inert wastes must be kept on hard standing or on an impermeable surface with sealed drainage.</p>
<p>D9: Physico-chemical treatment of waste not listed elsewhere in this Part of this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations listed in paragraphs 1 to 12 of this Part of this Schedule (for example, evaporation, drying, calcination).</p> <p>R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.</p> <p>R4: Recycling or reclamation of metals and metal compounds</p> <p>R5: Recycling or reclamation of other inorganic materials</p>	<p>Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of non-hazardous or inert waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p> <p>Treatment of non-hazardous waste must be carried out within a building.</p> <p>Non-hazardous waste must be treated on an impermeable surface with sealed drainage.</p> <p>Inert wastes must be treated on hard standing or on an impermeable surface with sealed drainage.</p>

Table 51.2: Operating Techniques →

NOTE: Slags and ashes treatment for recovery - limit added to reflect the site is a waste facility not an installation.

Thus single table will be separated out to reflect the individual wastes that can be submitted to each of the permitted activities (References A1 to A4).

Table 2.2: Licensed waste types and quantities	
Maximum Quantities	
The quantity of wastes listed below, accepted at the site shall not exceed 565,000 tonnes a year.	
Exclusions	
Notwithstanding the specification of waste types below, wastes shall not be accepted at the site which have any of the following characteristics:	
<ul style="list-style-type: none"> Catering waste and other wastes containing animal by-products covered by the Animal By-Products (England) Regulations 2003 and The Animal By-Products (Wales) Regulations 2003 shall only be accepted at the In-Vessel Composting Facility. Consisting solely or mainly of dusts, powders or loose fibres. Odour producing or likely to be odour producing. 	
Waste Code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

A4

A4

A4

A4

A4 (A2?)

A4 (A2?)

A4

A4

A4

A1/A4/(A2)

A2/A4/A3

A1/A4

A4

A4

A1

A1/A4

A1

A4

A4

A1

A1/A4

Table 2.2: Licensed waste types and quantities

01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04.11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing (non-hazardous)
02 01	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	Plant tissue waste
02 01 04	Waste plastics (except packaging)
02 01 07	Wastes from forestry (comprising wood and plant tissue)
02 01 10	Waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 03	materials unsuitable for consumption or processing
02 03	Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract proportion, molasses preparation and fermentation
02 03 01	Sludges from washing, cleaning, peeling, centrifuging and separation.
02 03 04	materials unsuitable for consumption or processing
02 03 05	Sludges from on-site effluent treatment
02 04	Wastes from sugar processing
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 05	Waste from dairy products industry
02 05 01	Materials unsuitable for consumption or processing

A1/

A1/A4

A1/A4

A1/

A1/A4

A1/A4

A1/A4

A1

A1/A4

A4

A1/A4

A4

A4

A4

A4

A4

A4

A4

A4

A4

A4

Table 2.2: Licensed waste types and quantities

02 05 02	✓	Sludges from on-site effluent treatment
02 06		Wastes from the baking and confectionery industry
02 06 01	✓	materials unsuitable for consumption or processing
02 06 02	✓	wastes from preserving agents
02 06 03		Sludges from on-site effluent treatment
02 07		Wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	✓	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	✓	wastes from spirits distillation
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 01		Wastes from wood processing and the production of panels and furniture
03 01 01	✓	Waste bark and cork
03 01 05	✓	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03		Wastes from pulp, paper and cardboard production and processing
03 03 01	✓	waste bark and wood
03 03 07	✓	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	✓	Wastes from sorting of paper and cardboard destined for recycling
03 03 10	✓	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04		Wastes from the textile industries
04 01		Wastes from the leather and fur industry
04 01 08	✓	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	✓	wastes from dressing and finishing
04 02		Wastes from the textile industry
04 02 21	✓	wastes from unprocessed textile fibres
04 02 22	✓	Wastes from processed textile fibres
06		WASTES FROM INORGANIC CHEMICAL PROCESSES
06 09		wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes
06 09 02	✓	phosphorous slag
06 09 04	✓	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11		wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	✓	calcium-based reaction wastes from titanium dioxide production
07		Wastes from organic chemical processes

Table 2.2: Licensed waste types and quantities	
A4	07 02 Wastes from the MFSU of plastics, synthetic rubber and man made fibres
A4	07 02 13 Waste plastic
09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY	
	09 01 wastes from the photographic industry
A4	09 01 07 photographic film and paper containing silver or silver compounds
A4	09 01 08 photographic film and paper free of silver or silver compounds
A4	09 01 10 single-use cameras without batteries
A4	09 01 12 single-use cameras containing batteries other than those mentioned in 09 01.11
10 WASTES FROM THERMAL PROCESSES	
	10 01 wastes from power stations and other combustion plants (except 19)
A4	10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
A4	10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
A4	10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
A4	10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
A4	10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
A4	10 01 24 sands from fluidised beds
	10 02 wastes from the iron and steel industry
A4	10 02 01 wastes from the processing of slag
A4	10 02 02 unprocessed slag
A4	10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
A4	10 02 10 mill scales
A4	10 02 14 filter cakes from gas treatment other than those mentioned in 10 02.13
A4	10 02 15 other filter cakes
	10 03 wastes from aluminium thermal metallurgy
A4	10 03 02 anode scraps
A4	10 03 05 waste alumina
A4	10 03 16 skimmings other than those mentioned in 10 03 15
A4	10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
A4	10 03 24 solid wastes from gas treatment other than those mentioned in 10 03.23
A4	10 03 26 filter cakes from gas treatment other than those mentioned in 10 03.25
A4	10 03 28 wastes from cooling-water treatment other than those mentioned in 10 03.27
A4	10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03.29
	10 04 wastes from lead thermal metallurgy
A4	10 04 10 wastes from cooling-water treatment other than those mentioned in 10 04 09
	10 05 wastes from zinc thermal metallurgy
A4	10 05 01 slags from primary and secondary production
A4	10 05 09 wastes from cooling-water treatment other than those mentioned in 10 05 08
A4	10 05 11 dross and skimmings other than those mentioned in 10 05 10

Table 2.2: Licensed waste types and quantities

	10 06	wastes from copper thermal metallurgy
A4	10 06 01 ✓	slags from primary and secondary production
A4	10 06 02 ✓	dross and skimmings from primary and secondary production
A4	10 06 10 ✓	wastes from cooling-water treatment other than those mentioned in 10 06 09
	10 07	wastes from silver, gold and platinum thermal metallurgy
A4	10 07 01 ✓	slags from primary and secondary production
A4	10 07 02 ✓	dross and skimmings from primary and secondary production
A4	10 07 03 ✓	solid wastes from gas treatment
A4	10 07 05 ✓	filter cakes from gas treatment
A4	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
A4	10 08 09 ✓	other slags
A4	10 08 11 ✓	dross and skimmings other than those mentioned in 10 08 10
A4	10 08 13 ✓	carbon-containing wastes from anode manufacture other than those mentioned in 10 08.12
A4	10 08 14 ✓	anode scrap
A4	10 08 18 ✓	filter cakes from flue-gas treatment other than those mentioned in 10 08 17
A4	10 08 20 ✓	wastes from cooling-water treatment other than those mentioned in 10 08 19
	10 09	wastes from casting of ferrous pieces
A4	10 09 03 ✓	furnace slag
A4	10 09 06 ✓	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
A4	10 09 08 ✓	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
A4	10 09 14 ✓	waste binders other than those mentioned in 10 09.13
A4	10 09 16 ✓	waste crack-indicating agent other than those mentioned in 10 09 15
	10 10	wastes from casting of non-ferrous pieces
A4	10 10 03 ✓	furnace slag
A4	10 10 06 ✓	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
A4	10 10 08 ✓	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
A4	10 10 14 ✓	waste binders other than those mentioned in 10 10.13
A4	10 10 16 ✓	waste crack-indicating agent other than those mentioned in 10 10 15
	10 11	wastes from manufacture of glass and glass products
A4	10 11 03 ✓	waste glass-based fibrous materials
A4	10 11 10 ✓	waste preparation mixture before thermal processing, other than those mentioned in 10.11 09
A4	10 11 12 ✓	waste glass other than those mentioned in 10.11.11
A4	10 11 16 ✓	solid wastes from flue-gas treatment other than those mentioned in 10.11 15
A4	10 11 18 ✓	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10.11 17
	10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
A4	10 12 01 ✓	waste preparation mixture before thermal processing
A4	10 12 05 ✓	Sludges and filter cakes from gas treatment
A4	10 12 06 ✓	discarded moulds

A4
A4
A4

A4
A4
A4
A4
A4
A4
A4

A4
A4

A4
A4

A4
A4

A4
A4
A4
A4
A4
A4

NOT
A4,
as has
orders.

{ A2
A2
A2

Table 2.2: Licensed waste types and quantities	
10 12 08 ✓	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10 ✓	solid wastes from gas treatment other than those mentioned in 10.12 09
10 12 12 ✓	wastes from glazing other than those mentioned in 10.12.11
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01 ✓	waste preparation mixture before thermal processing
10 13 04 ✓	wastes from calcination and hydration of lime
10 13 07 ✓	Sludges and filter cakes from gas treatment
10 13 10 ✓	wastes from asbestos-cement manufacture other than those mentioned in 10.13 09
10 13 11 ✓	wastes from cement-based composite materials other than those mentioned in 10.13 09 and 10.13 10
10 13 13 ✓	solid wastes from gas treatment other than those mentioned in 10.13.12
10 13 14 ✓	waste concrete
11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO METALLURGY	
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 10 ✓	Sludges and filter cakes other than those mentioned in.11 01 09
11 01 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
11 02 06 ✓	wastes from copper hydrometallurgical processes other than those mentioned in.11 02 05
11 05	wastes from hot galvanising processes
11 05 01 ✓	hard zinc
11 05 02 ✓	zinc ash
12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01 ✓	ferrous metal filings and turnings
12 01 03 ✓	non-ferrous metal filings and turnings
12 01 05 ✓	plastics shavings and turnings
12 01 13 ✓	welding wastes
12 01 17 ✓	waste blasting material other than those mentioned in.12 01 16
12 01 21 ✓	spent grinding bodies and grinding materials other than those mentioned in.12 01.20
13 Oil Wastes and Wastes of Liquid fuels (except edible oils and those in chapters 05 12 and 19)	
13 02	Waste engine, gear and lubricating oils
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	Mineral based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils

A2

A4

A4

A4

A4

A4

A4

A4

A4

A

A4

A4

A2

A4

A4

A4

A4

A4

A4

A4

A4

A4

Table 2.2: Licensed waste types and quantities

13 02 07*	Readily biodegradable engine, gear and lubricating oils
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	Packaging (including separately collected municipal packaging waste)
15 01 01✓	Paper and cardboard packaging
15 01 02✓	Plastic packaging
15 01 03✓	Wooden packaging (untreated)
15 01 04✓	Metallic packaging
15 01 05✓	Composite packaging
15 01 06✓	Mixed packaging
15 01 07✓	Glass packaging
15 01 09✓	Textile packaging
15 02	Absorbents, filter materials, wiping cloths and protective clothing
15 02 03✓	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13,14 16 06 and 16 08)
16 01 03✓	end-of-life tyres
16 02	Wastes from electrical and electronic equipment
16 02 11*	Discarded equipment containing chloroflourocarbons, HCFC, HFC
16 02 14✓	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16✓	Components removed from discarded equipment other than those mentioned in 16 02 15
16 03	off-specification batches and unused products
16 03 04✓	Inorganic wastes other than those mentioned in 16 03 03
16 03 06✓	Organic wastes other than those mentioned in 16 03 05
16 05	Gases in pressure containers and discarded chemicals
16 05 05✓	Gases in pressure containers other than those mentioned in 16 05 04
16 06	Batteries and accumulators
16 06 04✓	Alkaline batteries
16 06 05✓	Other batteries and accumulators
16 11	waste linings and refractories
16 11 02✓	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16.11 01
16 11 04✓	other linings and refractories from metallurgical processes other than those mentioned in 16.11 03
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01✓	concrete, bricks, tiles and ceramics

A4
A4
A4
A4

A4
A4
A4

A4

A4
A4
A4
A4
A4
A4

A4
A4

A2
A4
A2

A4

A4

A4

Table 2.2: Licensed waste types and quantities

20 01 15*	Alkalines
20 01 17*	Photochemicals
20 01 19*	Pesticides
20 01 21*	Fluorescent tubes and other mercury-containing waste
20 01 23*	Discarded equipment containing chloroflourocarbons
20 01 25	Edible oil and fat
20 01 26*	Oil and fat other than those mentioned 20 01 25
20 01 27*	Paint, inks, adhesives and resins containing dangerous substances
20 01 28	Paints, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29*	Detergents containing dangerous substances
20 01 30	Detergents containing dangerous substances
20 01 33*	Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	Batteries and accumulators other than those mentioned in 20 01 21 and 20 01 23
20 01 35*	Discarded electrical and electrical equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 23
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	Wood other than containing dangerous substances from separately collected fractions of municipal wastes (household waste and similar commercial industrial and institutional wastes)
20 01 39	Plastics
20 01 40	Metals
20 01 41	Wastes from chimney sweeping
20 02	Garden and park wastes (including cemetery waste)
20 02 01	Biodegradable waste (comprising wood and plant tissue)
20 02 02	Soil and stones
20 02 03	Other non-biodegradable wastes
20 03	Other municipal wastes
20 03 01	Mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	Bulky waste

Schedule
3 of the
Modern Permit.

Schedule 3 – Emissions and monitoring

Table S3.1
Modern
Permit
duplicates
these
exact
requirements
only in our
current
table format

Emission Point and Source	Parameter	Limit (including units)	Monitoring Frequency and Standard or Method
Outlets from bio-filters, emitting treated air from enclosed composting vessels.	None specified	None specified	Gas sampling points must be fitted on each outlet and used as required to ensure compliance with the conditions of this licence.
Outlets from bio-filters, (if fitted), emitting treated air from inside buildings.	None specified	None specified	Gas sampling points must be fitted on each outlet and used as required to ensure compliance with the conditions of this licence.

This table
refers to the
OWC activity
only - which
is transferring
to Kelda.
As such it
has not
been
reproduced
in the
modern
permit.

Process requirement	Specified standards
a) Windrow turning and internal temperature monitoring	<ul style="list-style-type: none"> Windrows shall be maintained at either: <ol style="list-style-type: none"> An internal temperature of at least 55°C for at least fourteen consecutive days with a minimum of five turnings; or An internal temperature of at least 65°C for at least seven consecutive days with a minimum of three turnings. Windrows shall be turned at a frequency that maintains aerobic conditions within the windrow. Records shall be made in the site diary of the date and results of internal temperature monitoring and the date on which each windrow is turned.
i) Windrow moisture content	<ol style="list-style-type: none"> Windrow moisture content shall be maintained between 40% (w/w) and 60% (w/w) during composting. Where the moisture content of a windrow has been measured as being above 60% (w/w), remedial action shall be taken to decrease the moisture content to between 40 and 60% (w/w). Where the moisture content of a windrow has been measured as being below 40% (w/w), remedial action shall be taken to increase the moisture content to between 40 and 60% (w/w). Records shall be made in the site diary of the date and results of moisture content monitoring.

Table S3.2
in the
modern
permit.

Table 3.3 Activities - Monitoring requirements for composting in Closed Vessels				
Monitoring point	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications
Internal for each enclosed composting vessel	Temperature	Continuous	Thermocouple probe	None
	Oxygen	Continuous	Oxygen meter	None
	Moisture	Continuous	Moisture meter	None
Internal for each windrow and for any sample of waste or compost	Temperature	None specified	Thermocouple probe	Monitoring equipment must be available on-site and used as required to ensure compliance with the conditions of this licence.
	Oxygen	None specified	Oxygen meter	
	Moisture	None specified	Moisture meter	

Schedule
6 in the
Modern
Permit.

Schedule 4 - Interpretation

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

"*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.

"*composting*", means the biological decomposition of organic materials, under conditions that are predominantly aerobic and that allow the development of thermophilic temperatures as a result of biologically produced heat.

"*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 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.

"*groundwater protection zones*" are as defined in The Agency's Policy and Practice For the Protection of Groundwater.

"*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).

"*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.

"*pollution*" means pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the licensed activities.

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

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

"*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, all liquids entering the system are collected in a sealed sump.

"*sewer*" means sewer within the meaning of section 219(1) of the Water Industry Act 1991.

"*technically competent management*" and "*technical competence*" shall be as prescribed under Section 74 of the Environmental Protection Act 1990

"*waste code*" means the code specified in The List of Wastes (England) Regulations 2005 (SI 2005 No. 895) as amended, or The List of Wastes (Wales) Regulations 2005 (SI 2005 No. 1820) (W.148) as amended. Codes marked with an * are hazardous waste, as defined in those regulations. Licence conditions apply to those wastes listed with a six-digit code.

"*Waste Management Licensing Regulations*", means The Waste Management Licensing Regulations 1994 (SI 1994 No. 1056) (as amended).

"*year*" means calendar year commencing on 1 January.