

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name



Address

National Customer Service Centre
99 Parkway Avenue
Sheffield
S9 4WF

Telephone number

03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier

Regional Waste Recycling (Commercial) Ltd.

Registered as

An upper tier waste carrier, broker and dealer

Registration number

CBDU89454

Address of place of business

REGIONAL WASTE RECYCLING (COMMERCIAL) LTD
BARBERS ROAD
LONDON
E15 2PH

Telephone number

02085195622

Date of registration

8 February 2019

Expiry date of

registration (unless revoked)

15 March 2022

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

You can do this by calling the Environment Agency.

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name



Address

National Customer Service Centre
99 Parkway Avenue
Sheffield
S9 4WF

Telephone number

03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier

Keltbray Group Ltd

Registered as

an upper tier waste carrier, broker and dealer

Registration number

CBDU84378

Address of place of business

KELTBRAV GROUP LTD
PORTSMOUTH ROAD
ESHER
KT10 9TA

Telephone number

0207 643 1091

Date of registration

Wednesday 23rd January 2019

Expiry date of

registration (unless
revoked)

Thursday 17th February 2022

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Powerday PLC

Enfield Waste Management Facility

Unit 2

115 Jeffreys Road

Enfield

Middlesex

EN3 7UA

Variation application number

EPR/AP3391NF/V005

Permit number

EPR/AP3391NF

Enfield Waste Management Facility

Permit number **EPR/AP3391NF**

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation and consolidation of an environmental permit.

Powerday PLC have applied to vary the current Environmental Permit (waste management licence EAWML 80328) for the Enfield Waste Management Facility. The facility currently accepts a range of solid-non-hazardous waste for transfer purposes only. The variation extends the facility permitted area, increases the range of permitted waste management activities, allows an external wood shredding operation and waste storage, and modernises the current permit to modern EPR conditions. Main changes to the permit relate to permitted activities, including the recovery of wastes in a new enclosed materials recovery facility (MRF) the addition of two Schedule 1 activities for the purposes of refuse derived fuel production. Existing waste transfer activities are retained and may still occur as and when necessary. There are no point source emissions to land, air or water. The variation does not increase the permitted annual throughput tonnage or change the types of waste accepted.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Transferred EAWML 80328 (Formerly Waste Disposal Licence 076)	09/12/98	Full transfer From Shanks & McEwan to Powerday PLC
Modified EAWML 80328	14/01/99	
Modified EAWML 80328	25/01/02	
Modified EAWML 80328	04/12/03	
Application EPR/AP3391NF/V005 (variation and consolidation formerly EAWML 80328)	Duly made 13/02/14	Application to add two Schedule 1 activities, two waste operations, increase the permitted boundary and update the permit to modern conditions.
Additional information received	17/04/14	Schedule 5 response - Noise abatement measures, operating hours and crushing activity wastes and site drainage plan.
Variation determined EPR/AP3391NF	23/05/14	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/AP3391NF

Issued to

Powerday PLC (“the operator”)

whose registered office is

130 Shaftesbury Avenue

2nd Floor

London

W1D 5EU

company registration number 01509382

to operate regulated facilities at

Enfield Waste Management Facility

Unit 2

115 Jeffreys Road

Enfield

Middlesex

EN3 7UA

to the extent set out in the schedules.

The notice shall take effect from 23/05/2014.

Name	Date
A.J. Nixon	23 May 2014

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/AP3391NF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3391NF/V005 authorising,

Powerday PLC (“the operator”),

whose registered office is

**130 Shaftesbury Avenue
2nd Floor
London
W1D 5EU**

company registration number 01509382

to operate an installation and waste operations at

**Enfield Waste Management Facility
Unit 2
115 Jeffreys Road
Enfield
Middlesex
EN3 7UA**

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

Name	Date
A.J. Nixon	23 May 2014

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 and A2) The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 and A2) The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 The site

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

2.2 Permitted activities

- 2.2.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.2.2 For the following activities referenced in schedule 1, table S1.1 (A1 to A8) Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.3 Operating techniques

- 2.3.1 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.1(a), S2.1(b), S2.1(c) and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.2 (a) For the following activities referenced in schedule 1, table S1.1 (A1 to A8) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- (a) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Pre-operational conditions

- 2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1.
- 3.1.2 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 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.

3.3 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 which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Pests

- 3.4.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.4.2 The operator shall:
 - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Emissions of substances not controlled by emission limits

- 3.5.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including,

but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5.3 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.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 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.

4.2.3 For the following activities referenced in schedule 1, table S1.1 (A1 to A8) A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) the annual production /treatment data set out in schedule 4 table S4.1; and
- (b) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

- (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately –
 - (i) Inform the Environment Agency
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately-
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time; or
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 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:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

- (a) any change in the operator's name or address; and
- (c) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (d) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.7 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity
A1	S5.4 A1 (a)(iii) - Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving the pre-treatment of waste for incineration or co-incineration.	Treatment of non hazardous waste for the production of a refuse derived fuel D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Treatment consisting only of shredding, dust removal and compaction of non-hazardous waste into different components for disposal. Maximum 415 tonnes per day. Waste types as specified in Table S2.1
A2	S5.4 A1 (a)(iii) - Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving the pre-treatment of waste for incineration or co-incineration.	Treatment of non hazardous waste wood for the production of a refuse derived fuel. D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	Treatment consisting only of manual and mechanical sorting, screening, separation, shredding, and compaction of non-hazardous waste wood into different components for disposal. Maximum 162 tonnes per day. Waste types as specified in Table S2.1(a)
	Directly Associated Activity		
A3	Removal of ferrous metal during preparation of RDF	R4 Recycling/reclamation of metals and metal compounds	Activity relates to A1 And A2
A4	RDF Repackaging	D14 Repackaging prior to submission to any of the operations numbered D1 to D13	Activity relates to A1 Only
A5	RDF Bulking and storage	D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	Activity relates to A1 And A2

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity
	Description of activities for waste operations		Limits of activities
A6	Material recovery facility R3 Recycling/reclamation of organic substances which are not used as solvents R4 Recycling/reclamation of metals and metal compounds R5 Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) of other inorganic compounds		Treatment operations shall be limited to: Treatment consisting only of manual sorting, separation, screening, baling, shredding and compaction of waste into different components for recovery. Maximum 830 tonnes per day. Waste types as specified in Table S2.1(b)
A7	Waste transfer station R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) D14 Repackaging prior to submission to any of the operations numbered D1 to D13 D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)		Transfer operations shall be limited to: Transfer consisting of manual sorting or manual separation of waste into different components, repackaging and bailing of some wastes for disposal or recovery. Maximum 910 tonnes per day. Waste types as specified in Table S2.1(b)
A8	Concrete crushing facility R4: Recycling/reclamation of metals and metal compounds R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R5: : Recycling / reclamation of other inorganic materials		Activities exclude crushing and screening regulated by the local authority under a separate 'Part B' environmental permit. Maximum 360 tonnes per day. Waste types as specified in Table S2.1(c)

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	In response to section 3 – Operating techniques, Part B3 and Part C4 of the application forms: Section 4 of the application document 'Technical Standards and BAT Assessment' Dust management plan in Section 5 of the application document, reference EED13655-100/R/4.2.3/SO Odour management plan in Section 6 of the application document, reference EED13655-100/R/5.2.3/SO	16/01/14
Response to Schedule 5 dated 3 rd April 2014	Response to all questions: Site drainage plan S1242-03H, Noise abatement measures including operating hours and crushing activity wastes.	17/04/14

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
1	Prior to the commencement of commissioning, the Operator shall submit a report on the baseline conditions of soil and groundwater at the installation. The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the IED. The report shall contain information, supplementary to that already provided in application Site Condition Report, needed to meet the information requirements of Article 22(2) of the IED.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for Activity A1 in Table S1.1	
Maximum quantity	Waste remaining after MRF waste operation. Maximum 415 tonnes per day
Waste code	Description
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

Table S2.1(a) Permitted waste types and quantities for Activity A2 in Table S1.1	
Maximum quantity	Waste recovered by MRF operation and source segregated waste delivered directly to site. Maximum 162 tonnes per day.
Waste code	Description
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
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 03	wooden packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 01	wood
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	wood other than that mentioned in 19 12 06
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 38	wood other than that mentioned in 20 01 37

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
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
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
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 production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
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 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

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
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 wood processing and the production of panels and furniture
03 03 01	waste bark and cork
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 LEATHER, FUR AND 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
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
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)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 14	filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
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
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 05	filter cakes from gas treatment
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

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 18	filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 14	waste binders other than those mentioned in 10 10 13
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
10 11 03	waste glass-based fibrous materials
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	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
10 12 01	waste preparation mixture before thermal processing
10 12 05	filter cakes from gas treatment
10 12 06	discarded moulds
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	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

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
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	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
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
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)

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
16 01 03	end-of-life tyres
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
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	Wood
17 02 02	Glass
17 02 03	Plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	Aluminium
17 04 03	Lead
17 04 04	Zinc
17 04 05	iron and steel
17 04 06	Tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 08	track ballast other than those mentioned in 17 05 07
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	Glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	Textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	Glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	Clothes
20 01 11	Textiles
20 01 34	batteries and accumulators other than those mentioned in 20 01 33

Table S2.1(b) Permitted waste types and quantities for Waste Operations A6 and A7 in Table S1.1	
Maximum quantity	Maximum 332,150 tonnes per annum 'cumulative' Table S1.1 Activities A6, A7 and A8. Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibers
Waste code	Description
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 40	Metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
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

Table S2.1(c) Permitted waste types and quantities for Waste Operation A8 in table S1.1 (Concrete crushing)	
Maximum quantity	Maximum 360 tonnes per day.
Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 08	track ballast other than those mentioned in 17 05 07
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	minerals (for example sand, stones)

Schedule 3 – Emissions and monitoring

**Table S3.1 Point source emissions to sewer, effluent treatment plant or other transfers off-site—
emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7 emission to Thames Water Utilities Limited.	No parameters set	Surface Waters	No limit set			

Schedule 4 – Reporting

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

Table S4.1: Annual treatment	
Parameter	Units
Waste	Tonnes

Table S4.2 Performance parameters		
Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh
Water Usage	Annually	tonnes

Table S4.3 Reporting forms		
Media/parameter	Reporting format	Date of form
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	22/05/2014
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	22/05/2014
Waste subject to conditions 4.2.2	Waste tonnage return form from the Environment Agency website or other form as agreed in writing by the Environment Agency	-

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

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

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

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

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

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

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

“background concentration” means such concentration of that substance as is present in:

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

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

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

“emissions to land” includes emissions to groundwater.

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

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“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.

“MCERTS” means the Environment Agency's Monitoring Certification Scheme.

“Pests” means Birds, Vermin and Insects.

Protection: Policy and Practice" published by the Environment Agency in 2006.

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

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

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

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

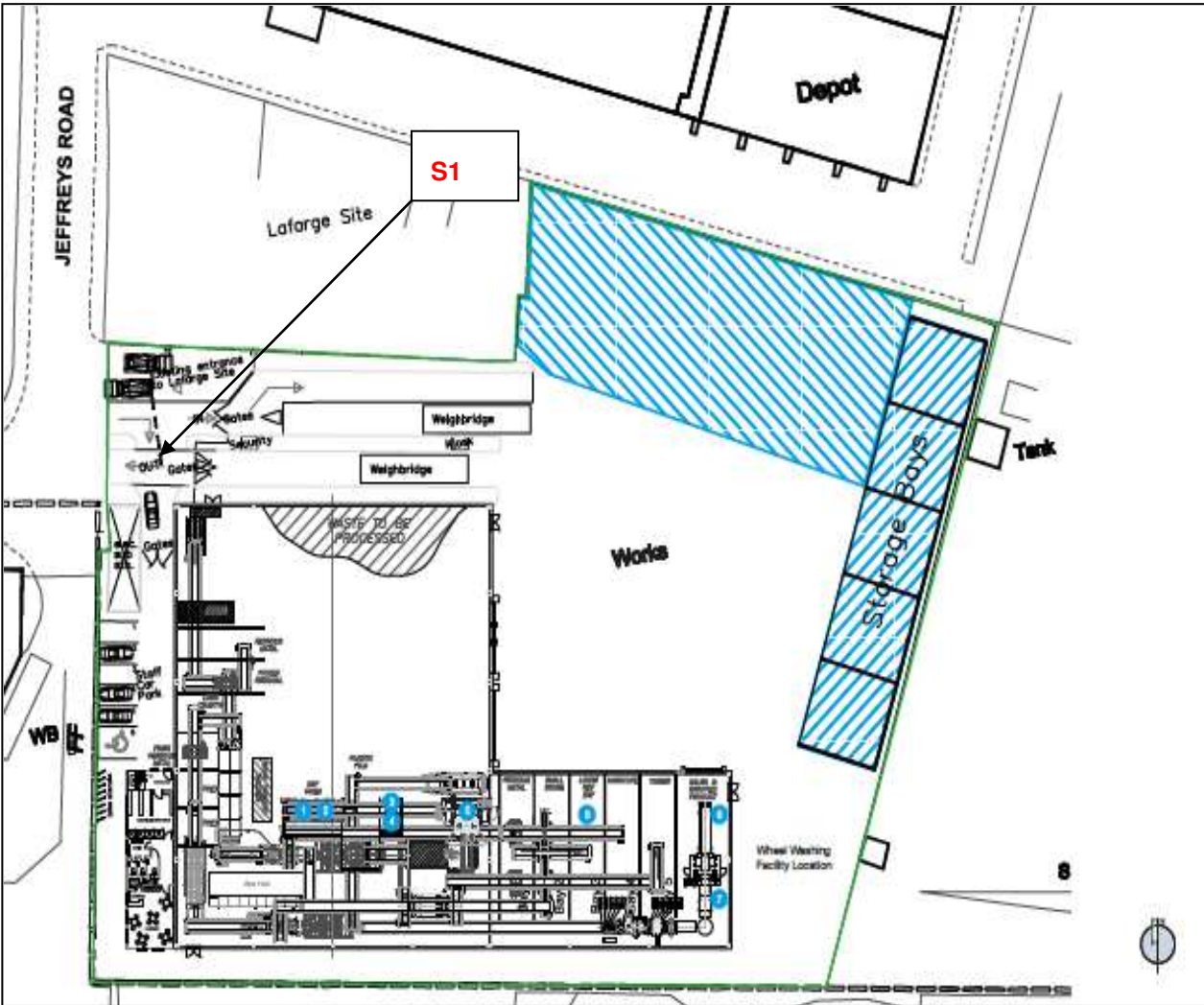
“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

“year” means calendar year ending 31 December.

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

Schedule 7 – Site plan



END OF PERMIT

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Powerday PLC

Powerday Waste Recycling and
Recovery Centre
Old Oak Sidings
Off Scrub Lane
Willesden
London
NW10 6RJ

Variation application number
EPR/PP3093EE/V003

Permit number
EPR/PP3093EE

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for asbestos waste storage

Maximum quantity The total quantity of waste types in tables S2.1 and S2.2 that can be accepted at the site shall be less than 60,000 tonnes per year

Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 06	insulation materials and asbestos-containing construction materials
17 06 05*	construction materials containing asbestos

Table S2.2 Permitted waste types and quantities for storage of source segregated hazardous waste

Maximum quantity The total quantity of waste types in tables S2.1 and S2.2 that can be accepted at the site shall be less than 60,000 tonnes per year.

Waste code	Description
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 02	wastes from wood preservation
03 02 05*	other wood preservatives containing dangerous substances (see condition 1.2.9 for special handling and storage requirements)
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 09	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
01	Wastes Resulting from Exploration, Mining, Quarrying, and Physical and Chemical Treatment of Minerals
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 mention in 01 04 07*
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05* and 01 05 06*
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05* and 01 05 06*
02	Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing
02 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 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
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 04*	sawdust, shavings, cuttings, wood, particle board, and veneer containing dangerous substances
03 01 05	sawdust, shavings, cuttings, wood, particle board, and veneer other than those mentioned in 03 01 04*

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
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 Leather, Fur and Textile Industries
04 01	wastes from the leather and fur industry
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 08	waste tanned leather (blue sheeting, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14*
04 02 17	dye stuffs and pigments other than those mentioned on 04 02 16*
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
07	Wastes from Organic Chemical Processes
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibre
07 02 13	waste plastic
07 02 15	wastes from additives other than those mentioned in 07 02 14*
07 02 17	waste containing silicones other than those mentioned in 07 02 16*
07 05	wastes from the MFSU of pharmaceuticals
07 05 14	solid wastes other than those mentioned in 07 05 13*
08	Wastes from Manufacture, Formulation, Supply, and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, Sealants and Printing Inks
08 01	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11*
08 01 18	waste from paint or varnish removal other than those mentioned in 08 01 17*
08 02	wastes from MFSU of printing inks
08 02 01	waste coating powders
08 03	wastes from MFSU of printing inks
08 03 13	waste ink other than those mentioned in 08 03 12*
08 03 18	waste printing toner other than those mentioned in 08 03 17*
08 04	wastes from MFSU of printing inks
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09*

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
09	Wastes from the Photographic Industry
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
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)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04*)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurization in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurization in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14*
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16*
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18*
10 01 24	sand from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07*
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11*
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15*
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17*
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23*
10 03 26	filter cakes from gas treatment other than those mentioned in 10 03 25*
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27*
10 03 30	wastes from the treatment of salt slags and black drosses other than those mentioned in 10 03 29*
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09*

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08*
10 05 11	dross and skimming other than those mentioned in 10 05 10*
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 10	waste from cooling-water treatment other than those mentioned in 10 06 09*
10 07	waste from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 08	waste from cooling-water treatment other than those mentioned in 10 07 07*
10 08	wastes from other non-ferrous thermal metallurgy
10 08 20	waste from cooling-water treatment other than those mentioned in 10 08 19*
10 09	wastes from the casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05*
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07*
10 09 12	other particulates other than those mentioned in 10 09 11*
10 09 14	waste binders other than those mentioned in 10 09 13*
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15*
10 10	wastes from the casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05*
10 10 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07*
10 10 14	waste binders other than those mentioned in 10 10 13*
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15*
10 11	wastes from the manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09*
10 11 12	waste glass other than those mentioned in 10 11 11*
10 11 20	solid wastes from gas treatment other than those mentioned in 10 11 19*
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 06	discarded moulds
10 12 08	waste ceramic, bricks, tiles and construction products (after thermal processing)

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
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 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, phosphatising, alkaline degreasing, anodizing)
11 01 14	degreasing wastes other than those mentioned in 11 01 13*
11 02	wastes from non-ferrous hydrometallurgical 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
12	Wastes from Shaping and Physical and Mechanical Surface Treatment of Metals and Plastics
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastic 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*
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
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
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 material, wiping cloths, 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 waste 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 01 06	end-of-life vehicles, containing neither liquids nor hazardous components
16 01 12	brake pads other than those mentioned in 16 01 11*
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09* to 16 02 13*
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15*
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 06	batteries and accumulators
16 06 01*	Lead batteries
16 06 04	alkaline batteries (except 16 06 03*)
16 06 05	other batteries and accumulators
16 08	spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07*)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes other 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*
16 11 06	linings and refractories from metallurgical processes other than those mentioned in 16 11 05*
17	Construction and Demolition Wastes (including excavated soil from contaminated sites)

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06*
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 01*	bituminous mixtures containing coal tar
17 03 02	bituminous mixtures other than those mentioned in 17 03 01*
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10*
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing dangerous substances
17 05 04	soil and stones other than those mentioned in 17 05 03*
17 05 06	dredging spoil other than those mentioned in 17 05 05*
17 05 07*	track ballast containing dangerous substances
17 05 08	track ballast other than those mentioned in 17 05 07*
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01* and 17 06 03*
17 08	gypsum-based construction material
17 08 01*	gypsum-based construction material contaminated with dangerous substances
17 08 02	gypsum-based construction material other than those mentioned in 17 08 01*
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01*, 17 09 02* and 17 09 03*

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
19	Wastes from Waste Management Facilities, Off-site Waste Water Treatment Plants and the Preparation of Water Intended for Human Consumption and Water for Industrial Use
19 01	waste from incineration of pyrolysis of waste
19 01 12	bottom ash and slag other than those mentioned in 19 01 11*
19 01 14	fly ash other than those mentioned in 19 01 13*
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17*
19 01 19	sands from fluidized beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralization)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08* and 19 02 09*
19 03	stabilised/solidified wastes
19 03 05	stabilised wastes other than those mentioned in 19 03 04*
19 03 07	solidified wastes other than those mentioned in 19 03 06*
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	solid waste from primary filtration and screenings
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 10	wastes from the shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03*
19 10 06	other fractions other than those mentioned in 19 10 05*
19 12	waste from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06*
19 12 08	textiles

Table 2.3 Permitted waste types

Maximum quantity The total quantity of waste accepted at the site shall be less than 1,600,000 tonnes per year

Waste code	Description
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11*
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01*
20	Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27*
20 01 30	detergents other than those mentioned in 20 01 29*
20 01 32	medicines other than those mentioned in 20 01 31*
20 01 34	batteries and accumulators other than those mentioned in 20 01 33*
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21*, 20 01 23* and 20 01 35*
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37*
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park waste (including cemetery waste)
20 02 01	biodegradable waste
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 06	waste from sewage cleaning
20 03 07	bulky waste
20 03 99	municipal wastes not otherwise specified

BETA

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Permit JP3891NX/A001 – Veolia E S (U K) Ltd

Permit number	JP3891NX/A001
Waste Management Licence No.	80400
Pre-EA Permit Ref	WDA457
Licence Holder Name	Veolia E S (U K) Ltd

Site

Site name	Springfield Farm, Broad Lane
Site type	A4 : Household, Commercial & Industrial Waste Landfill
Site Address	Springfield Farm, Broad Lane, Beaconsfield, Buckinghamshire, HP9 1XD
Site Postcode	HP9 1XD
Site Grid Reference	SU9250089375
Easting	492500
Northing	189375
Local Authority	South Bucks

Status

Status Description	To PPC
Issued Date	08/05/1997
Licence IPPC Reference	UP3935SS

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BETA This is a trial service – your feedback (mailto:enquiries@environment-agency.gov.uk) will help us to improve it.

[Home \(/public-register/view/index\)](#) / [Search waste exemptions \(/public-register/view/search-waste-exemptions\)](#) / [Result from Waste Exemption Registrations for England](#)

Registration WEX149306 – Docklands Waste Disposal Limited

Registration number	WEX149306
Organisation name	Docklands Waste Disposal Limited
Organisation address	12, Brabers Road, Stratford, London, E15 2PH
Organisation postcode	E15 2PH (http://data.ordnancesurvey.co.uk/id/postcodeunit/E152PH)

Site

Site address	Plot 4, Thames Wharf, Dock Road, Canning Town, E16 1AF
Site postcode	E16 1AF (http://data.ordnancesurvey.co.uk/id/postcodeunit/E161AF)

Exemption S1	Exemption	Storing waste in secure containers (https://www.gov.uk/guidance/waste-exemptions-storing-waste) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption S2	Exemption	Storing waste in a secure place (https://www.gov.uk/guidance/waste-exemption-s2-storing-waste-in-a-secure-place) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T10	Exemption	Sorting mixed waste (https://www.gov.uk/guidance/waste-exemption-t10-sorting-mixed-waste) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T12	Exemption	Manually treating waste (https://www.gov.uk/guidance/waste-exemption-t12-manually-treating-waste) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T4	Exemption	Preparatory treatments (baling, sorting, shredding etc) (https://www.gov.uk/guidance/waste-exemption-t4-preparatory-treatments-baling-sorting-shredding-etc) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T5	Exemption	Screening and blending waste (https://www.gov.uk/guidance/waste-exemption-t5-screening-and-blending-waste) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T6	Exemption	Treating waste wood and waste plant matter by chipping, shredding, cutting or pulverising (https://www.gov.uk/guidance/waste-exemption-t6-treating-waste-wood-and-waste-plant-matter-by-chipping-shredding-cutting-or-pulverising) ⓘ
	Registration date	05/11/2018
	Expiry date	04/11/2021

Exemption T9	Exemption	Recovering scrap metal (https://www.gov.uk/guidance/waste-exemption-t9-recovering-scrap-metal) ⓘ
	Registration date	05/11/2018

Expiry date

04/11/2021

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Support

- [Ask for support \(https://www.gov.uk/government/organisations/environment-agency#org-contacts\)](https://www.gov.uk/government/organisations/environment-agency#org-contacts)
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- [Terms and Conditions \(https://support.environment.data.gov.uk/hc/en-gb/articles/360015443132-Terms-and-conditions\)](https://support.environment.data.gov.uk/hc/en-gb/articles/360015443132-Terms-and-conditions)
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Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Mayer Parry Recycling Limited

Mayer Parry Recycling Limited
29 Bidder Street
Canning Town
London
E16 4SZ

Variation notice number
EPR/QP3796NY/V003

Permit number
EPR/QP3796NY

Mayer Parry Recycling Limited

Permit number EPR/QP3796NY

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations S.I.2007 No. 3538 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

This variation notice amends the interpretation of "Where appropriate".

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions and Schedule 3 lists any conditions that have been added.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit

Detail	Date	Response Date
Licence Issued EAWML 80125	05/11/1996	
Modification	07/11/2008	
Application EPR/QP3796NY/V003	Environment Agency Initiated Variation	
Variation determined EPR/QP3796NY	11/12/2009	

End of Introductory Note

Environmental Permitting
(England and Wales) Regulations 2007

Permit number

EPR/QP3796NY

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2000 No 3538) varies the permit as set out below.

Mayer Parry Recycling Limited ("the operator"),

whose registered office is

Sirius House

Delta Crescent Westbrook

Warrington

Cheshire

WA5 7NS

company registration number 02506721

holds a permit to operate a regulated facility at

29 Bidder Street

Canning Town

London

E16 4SZ

and that permit is varied to the extent set out in Schedules 1 to 3 of this notice.

The notice shall take effect from 11/12/2009

Name	Date
<i>Mana Gibbons</i>	11/12/2009

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following conditions are amended as follows

Interpretation to WEEE Conditions (contained within waste management licence notice of modification dated 07 November 2008)

“Where appropriate” shall read:

“Where appropriate” in relation to weatherproof covering means where weatherproof covering is required to minimise the contamination of clean surface and rain waters, to facilitate the reuse of whole appliances and components intended for reuse, to assist in the containment of hazardous materials and fluids.

Schedule 3 – conditions to be added

None.

Schedule 4 – amended plan

None.

**ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37**

**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

LICENCE REFERENCE: EAWML 80125	FACILITY TYPE: A20
LICENCE HOLDER: Mayer Parry Recycling Ltd Sirius House Delta Crescent Westbrook Warrington WA5 7NS	LICENSED FACILITY: EMR Canning Town Bidder Street Canning Town London E16 4ES GRID REFERENCE: TQ 391660 816260

WHEREAS you are the licence holder of the said licensed facility

AND WHEREAS on the 1st April 1996 the powers and duties of all waste regulation authorities in England and Wales transferred to the Environment Agency ("the Agency") by virtue of section 2 of the Environment Act 1995

AND WHEREAS the conditions of the said licence may have been modified from time to time

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

Signed



Name Ian Brindley

Permitting Team Leader

Dated 07 November 2008

This modification shall take immediate effect

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED AT THE
END OF THIS NOTICE.**

EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

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

Where, except in pursuance of a direction given by the Secretary of State, the conditions of a licence are modified, the licence holder may appeal from the decision to the Secretary of State.

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
Environment Appeals Team
Room 4/04, Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is –
The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 0117 372 8726
Fax: 0117 372 8139

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 any application to modify the licence;

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 overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

Introductory Note

This introductory note does not form part of the licence

On 5th January 2007 the Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) 2006, which implement certain requirements of Directive 2002/96/EC, came into force and set out minimum requirements for the storage and treatment of waste electrical and electronic equipment (WEEE). The purpose of this modification is to ensure the conditions of your licence comply with those requirements and that you only store and treat WEEE in accordance with those conditions.

This modification does not extend the types or quantities of waste authorised by the licence.

SCHEDULE – CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under section 37(1)(a) of the Environment Protection Act 1990 append the following conditions and schedules:

If there is an inconsistency between the requirements of the existing conditions of this licence and those imposed by this modification then the requirements imposed by this modification prevail.

WEEE 1.1.1 The licence holder is authorised to carry out the activities specified in schedule WEEE1, table 1.1 Licensed activities ("the activities").

WEEE 1.1.2 The storage (including temporary storage) and treatment of separately collected WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive specified in schedule WEEE2 to this notice.

WEEE 1.1.3 Separately collected WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).

WEEE 1.1.4 As a minimum, the substances, preparations and components specified in schedule WEEE1, table 1.4 shall be removed from any separately collected WEEE.

WEEE 1.1.5 All fluids contained within any separately collected WEEE to be treated at the site shall be removed prior to further treatment taking place.

WEEE 1.1.6 The components of separately collected WEEE listed in schedule WEEE1, table 1.2 shall be treated in accordance with the methods specified.

WEEE 1.1.7 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the facility.

WEEE 1.1.8 WEEE waste shall only be accepted if it is a type permitted by this waste management licence as defined in Schedule WEEE1, table1.3.

Schedule WEEE1 – Operations

Table 1.1 Licensed activities	
Description of activities	Limits of activities Maximum storage time of 1 year prior to disposal or 3 years prior to recovery.
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).	Technical Requirements for Storage: • WEEE, disassembled spare parts, components or residues must be stored on an impermeable surface with sealed drainage with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers; • WEEE, disassembled spare parts, components or residues must be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate; • disassembled spare parts containing liquids shall be stored in appropriate containers; • batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled appropriate containers. Buildings, covered areas or containers must meet the following requirements: • buildings, covered areas, or containers must be designed, constructed and maintained to prevent ingress of rain and surface water; • rain and uncontaminated surface water must be kept separate from contaminated water and other liquids; • containers must be stored on an impermeable surface with sealed drainage.
R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	Technical Requirements for Treatment: Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, or cutting of waste into different components for recovery.
R4: Recycling or reclamation of metals and metal compounds.	Treatment of WEEE: • must be carried in areas provided with a waterproof covering where appropriate; • must be carried out on an impermeable surface with sealed drainage with provision of spillage collection facilities and where appropriate, decanters and cleanser degreasers.
R5: Recycling or reclamation of other inorganic materials. The capacity of the site for hazardous waste subject to a R5 activity shall not exceed 10 tonnes per day.	Buildings, covered areas or containers must meet the following requirements: • buildings, covered areas, or containers must be designed, constructed and maintained to prevent ingress of rain and surface water; • rain and uncontaminated surface water must be kept separate from contaminated water and other liquids; • containers must be stored on an impermeable surface with sealed drainage.

Table 1.2 Specified Treatment Methods for separately collected components of WEEE	
Component	Specified Treatment
Cathode ray tubes.	The fluorescent coating has to be removed.
Gas discharge lamps	The mercury shall be removed

Table 1.3 – Permitted Waste Types
This modification applies only to the wastes authorised by the waste management licence

Table 1.4 – Substances, preparations and components to be removed from separately collected WEEE
• Capacitors containing Polychlorinated biphenyls (PCB) • Mercury-containing components, such as switches or backlighting lamps • Batteries • Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres • Toner cartridges, liquid and powder, as well as colour toner • Plastic containing brominated flame retardants • Asbestos waste and components which contain asbestos • Cathode ray tubes • Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC) • Gas discharge lamps • Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps • External electric cables • Components containing refractory ceramic fibres • Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation • Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

Schedule WEEE2 - Directive requirements

WEEE Directive ANNEX III

Technical requirements in accordance with Article 6(3)

1. Sites for storage (including temporary storage) of WEEE prior to their treatment (without prejudice to the requirements of Council Directive 1999/31/EC):

- impermeable surfaces for appropriate areas with the provision of spillage collection facilities and, where appropriate, decanters and cleanser-degreasers,
- weatherproof covering for appropriate areas.

2. Sites for treatment of WEEE:

- balances to measure the weight of the treated waste,
- impermeable surfaces and waterproof covering for appropriate areas with the provision of spillage collection facilities and, where appropriate, decanters and cleanser-degreasers,
- appropriate storage for disassembled spare parts,
- appropriate containers for storage of batteries, PCBs/PCTs containing capacitors and other hazardous waste such as radioactive waste,
- equipment for the treatment of water in compliance with health and environmental regulations.

Interpretation

In this modification the expressions listed shall have the meaning given below:

“WEEE” means waste electrical and electronic equipment and has the meaning given by Regulation 2 of The Waste Electrical and Electronic Equipment Regulations 2006.

“WEEE Directive” shall have the meaning given to it by regulation 2 of The Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) Regulations 2006.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it by regulation 1 (3) of the Waste Management Licensing Regulations 1994 as amended by The Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) Regulations 2006

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

“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”.

“sealed drainage system” in relation to an impermeable pavement, means a drainage system with impermeable components which does not leak and will ensure that no liquid will run off the pavement otherwise than via the system and except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.

“weatherproof covering” means covering which is resistant to the effects of bad weather.

“waterproof covering” means covering which is impervious to water.

“ozone-depleting substances” “ODS” means “controlled substances” contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

“where appropriate” in relation to weatherproof covering means where weatherproof covering is required to minimise the contamination of clean surface and rain waters, to facilitate the reuse of whole appliances and components intended for reuse, to assist in the containment of hazardous materials and fluids or where hazardous WEEE is stored.

“where appropriate” in relation to waterproof covering means where waterproof covering is required to minimise the contamination of clean surface and rain waters, to facilitate the reuse of whole appliances and components intended for reuse and to assist in the containment of hazardous materials and fluids or where hazardous WEEE is treated.



OUTGOING



PERMIT

CONTROL OF POLLUTION ACT 1974



ENVIRONMENT
AGENCY

WASTE DISPOSAL LICENCE

LICENCE NUMBER: T/NE/MAY043

TYPE OF SITE: METAL RECYCLING

In pursuance of its powers under sections 5 and 6 of the Control of Pollution Act 1974, the Environment Agency hereby grants a Metals Recycling Licence authorising the keeping and treatment of scrap metal and waste as provided for in the conditions, to

MAYER PARRY RECYCLING LIMITED (hereinafter known as the "holder")

of MANOR ROAD, ERITH, KENT DA8 2AD

on land at 29 BIDDER STREET
CANNING TOWN
LONDON
E16 4SZ

as shown blocked in black on drawing Agency registered number 348277, holder's drawing number 943/03, dated August 1992.

subject to the conditions of this Licence attached hereto.

Signed: North East Area Waste Regulation Manager, the officer appointed for this purpose.

Dated: 5 November 1996.

The Environment Agency, Rainham House, Manor Way, New Road, Rainham, Essex RM13 8RE
Tel. No: 01708-526158 Fax No: 01708-526249 GTN No: 7-25- X 6405





1. DEFINITIONS

1.1 The 1990 Act - The Environmental Protection Act 1990.

The 1995 Act - The Environment Act 1995.

Clinical waste - as defined in Regulation 1(2) of the Controlled Waste Regulations 1992 (S.I 1992 No.588) or any statutory provisions or regulations amending or replacing them.

The Conditions of this Licence - The Conditions set out herein, as varied from time to time under Section 37 of the 1990 Act and section 120 of the 1995 Act.

Controlled waste - as defined in section 75(4) of the Environmental Protection Act and Regulation 7A of the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them.

The holder - The licence holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the 1990 Act and section 120 of the 1995 Act.

The Agency - The Environment Agency.

The Agency's emergency telephone number - 0645 333111 or such other number as from time to time is notified to the holder.

UKAS - United Kingdom Accreditation Service.

The site - The land, structures, plant and equipment to which this Licence relates.

The site plan - The drawing referred to on Page 1 of this licence.

Special waste - as defined by The Special Waste Regulations 1996 (S.I 1996 no.972) or any statutory provisions or regulations amending or replacing them.

The Litter Code - as defined by the Environmental Protection Act 1990 : Code of Practice on Litter and Refuse.

Technically Competent Person - within the meaning of Regulations 4 and 5 of the Waste Management Licensing Regulations 1994 (S.I 1994 No.1056) or any statutory provisions or regulations amending or replacing them.

Working plan - The documents and drawings detailing the intended methods of operations supplied with the application for this licence and any later drawings or written statements received by the Agency in substitution or augmentation of such drawings or documents, subject to individual changes having been agreed by Agency where this licence so requires.

Burning - Does not include the cutting of materials by gas powered torches or similar devices.





Relevant offences - within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 (S.I. 1994 No. 1056) or any statutory provisions or regulations amending or replacing them.

- 1.2 The titles of sections and conditions within the licence are included for ease of reference only and are not to be used in the interpretation of the conditions.

2. GENERAL MANAGEMENT

2.1 Authorised Activities

- 2.1.1 No activities or processes other than those listed below may be undertaken at the site.

- (a) The keeping of waste for the purpose of recycling
- (b) The treatment of waste for the purpose of recycling

2.2 Material Types and Quantities

- 2.2.1 No materials other than controlled waste as listed below and detailed in Appendix 1 shall be received or handled at the site.

Maximum tonnes per month		
i)	Waste category B(ii) : General waste that is scrap metal	10,500
ii)	Waste category E : Difficult waste	1,920
ii)	Waste category Q : Liquid special waste (including the weight of battery casings)	80

2.3 Hours of Operation

- 2.3.1 Scrap metal and associated waste, shall be received, handled, deposited or processed only during the following days and times:-

	Opening Hours	Processing Hours
Mondays to Fridays	06.30 - 17.30 Hours	05.30-20.00 Hours
Saturdays	06.30 - 16.00 Hours	06.00-18.00 Hours
Sundays & Public Holidays	NO OPERATION	06.00-18.00 Hours

Scrap Metal may be received outside the above hours by prior agreement with the Agency.





2.4 Display of Licence and Availability of Working Plan

- 2.4.1 A copy of this licence and any modification to it shall be displayed at the control office where it can be read by the holder's or operators employees and any visitors.
- 2.4.2 A current copy of the working plan including any Agency written consents authorising changes, shall be kept at the control office and shall be readily available.

2.5 Changes to Working Plan

- 2.5.1 Subject to any conditions in this licence under which the prior written consent of the Agency is required to change specific parts of the working plan, the holder shall submit details of any changes to the working plan to the Agency at or before the time the change is implemented.

2.6 Management and Supervision

- 2.6.1 All persons employed at the site shall be sufficiently trained and experienced and shall carry out their duties in compliance with the conditions of this licence and in accordance with the working plan.
- 2.6.2 A minimum of at least 2 person(s) shall be present at the site whenever scrap metal or waste is received or handled, maximum staffing levels shall be as detailed in the working plan.

2.7 Statutory Notices

- 2.7.1 If any statutory notice or instruction, other than one served by the Agency, which relates to the operation of the site is served on the holder or other occupier, a copy of that notice or instruction shall be submitted to the Agency within seven days of its receipt by the holder or other occupier.

2.8 Access for Inspectors

Safe access shall be available to all parts of the site for any inspector appointed by the Agency exercising powers under Section 108 of the 1995 Act.

2.9 Cessation of Operations

- 2.9.1 The holder shall inform the Agency in writing of any intention to either temporarily or permanently cease operations and the circumstances necessitating such cessation, 14 days prior to the date when they are due to cease.
- 2.9.2 Following closure of the site or cessation of operations for a period in excess of 7 days the holder shall notify the Agency of its intention to re-open or re-commence operations at least 3 working days prior to the date when the site will open or commence operations.





2.10 Change of Holder's Details

2.10.1 The holder shall notify the Agency in writing, in advance, of any changes in the holder's or operator's:-

- i) registered address and/or principal place of business; or
- ii) details regarding the names and addresses of any director, company secretary or partner.

3. SITE PREPARATION AND INFRASTRUCTURE

3.1 Cleaning Equipment

3.1.1 Effective cleaning equipment shall be provided, maintained and used such that the site is kept clean and tidy at all times. The holder or operator shall ensure that vehicles using the site do not cause the deposit of any liquid, mud or other debris on any internal roadway or at any point beyond the site boundaries.

3.2 Security, Gates and Fencing

3.2.1 The site shall be secured at all times when unattended in order to prevent unauthorised access.

3.2.2 Gates and continuous chain-link or solid fencing or walling at least 2.0 metres high shall be provided and maintained in good repair around the entire boundary of the site. (Compliance with this condition will be satisfied if the site is contained wholly within a larger area whose boundary is fenced and gated as described).

3.3 Control Office

A control office, equipped with a working telephone, shall be provided at the site.

3.4 Identification Board

3.4.1 An identification board of durable material and finish shall be displayed and maintained at or near the entrance to the site and shall be easily readable from outside the site entrance at all times.

3.4.2 The board shall show the following information:-

- i) the name and address of the site
- ii) the days and hours when the site is permitted to be open for the receipt of scrap metal or waste
- iii) the name, address and telephone number (with extensions if appropriate) of the holder, its local agent if any or any other person to contact in an emergency.
- iv) the name address and telephone number of the Agency





v) The Agency licence number

3.5 Parking and Queuing

Adequate parking and queuing and container storage facilities shall be provided within the site to obviate the need for vehicles to park or queue outside the site.

3.6 Impermeable Pavement

3.6.1 The ground surface of the site in the areas where scrap metal or waste is handled or stored and all internal roadways, shall be constructed of an impermeable material. The surface shall be designed, constructed, maintained and drained so that :

- i) the pavement is impermeable and substances or articles constituting or resulting from the waste are prevented from penetrating into the ground or any watercourse or soakaway,
- ii) any surface drainage flows unimpeded only to and thence within the drainage system at the site or is contained,
- iii) the pavement and drainage system are of such a type and of sufficient structural strength to withstand impact and loading from stored scrap metal or waste, plant and equipment and the activities at the site.

3.7 Drainage System

3.7.1 An engineered system of drainage shall be installed and tested and maintained as detailed in the working plan. No change shall be made to the working plan in this respect without the prior written consent of the Agency.

3.7.2 All drainage interceptors shall be inspected monthly , emptied and cleaned if required, and the contents removed once every six months, to prevent the accumulation of solids and the escape of contaminants into the sewer system.

3.8 Liquid/Fuel Storage in Tanks

Storage tanks for liquids, other than for uncontaminated water, shall be located within a bund having a capacity of not less than 110% of the total capacity of all the tanks within it. The floor and walls of the bund shall be impervious to the contents of the tanks. Inlet/outlet/vent pipes should be directed downwards into the bunded area. All liquid storage tanks shall be labelled as to their contents.

3.9 Lighting

3.9.1 If operations at the site are undertaken during any of the hours of darkness, or in conditions of poor light, lighting, as specified in the working plan, shall be provided and used to cover all operating areas of the site. No change shall be made to the working plan in this respect without the prior written consent of the Agency.





3.10 Weighbridge

A weighbridge shall be provided and maintained in working order and calibrated such that accurate weighing of all loads of scrap metal or waste may be carried out. The net weight of each load of scrap metal or waste received at the site shall be recorded.

4. SITE OPERATIONS

4.1 Inspection of Loads

4.1.1 All scrap metal and waste received at the site shall be inspected:

- i) on arrival at the site (the accompanying documentation shall be inspected) and also;
- ii) during and after discharge from the vehicle (the content of the load shall be inspected)

to ensure that the complete content of the load consists of material which is permitted within the terms of this licence and for the purpose of identifying whether any special handling or storage arrangements are necessary.

4.2 Unacceptable Materials Procedure

4.2.1 Any unauthorised scrap metal or waste received at the site shall dealt with in accordance with the working plan. No change shall be made to the working plan in this respect without the prior consent of the Agency.

4.2.2 Unless it is dangerous to do so, any scrap metal or waste accepted at the site which is found to be in an unstable condition shall be isolated and placed in a secure storage area.

4.3 Sampling of Loads

4.3.1 Material segregated for further investigation shall be sampled and analysed.

4.3.2 A record of all analytical results shall be kept at the control office along with a determination of whether the scrap metal /waste, is permitted within the terms of this licence.

4.4 Storage Areas

4.4.1 Scrap Metal and Waste shall be stored only in the areas designated in the working plan and no change shall be made to the working plan in this respect without prior written consent of the Agency.

4.5 Storage Quantities

4.5.1 No more than 54,176.5 cubic metres of scrap metal including associated waste shall be stored in the areas designated in the working plan at any one time. No change shall be made to the working plan in this respect without the prior written consent of the Agency





4.6 Storage Height

- 4.6.1 No scrap metal or associated waste shall be stored to a height exceeding 7.0 metres.

4.7 Clearance of Storage Area

- 4.7.1 At a time and date agreed with the Agency the holder or operator shall ensure that the scrap metal or waste storage areas are completely cleared of material to permit inspection of the condition of the impermeable pavement and drainage system by a duly authorised officer of the Agency.

4.8 Plant and Equipment

- 4.8.1 The plant and equipment used to deal with scrap metal or waste shall be kept in good working order. In the event of breakdown or non availability of the mechanical plant and equipment described in the working plan, the site shall cease accepting scrap metal or waste if the handling or storage would breach the other requirements of this licence.

4.9 Suitability of Vehicles

- 4.9.1 Any spillage of waste or scrap metal or deposit of liquid or debris arising from vehicles entering the site for the purpose of depositing or collecting scrap metal or waste other than in the designated storage areas shall be cleared up immediately.

- 4.9.2 All vehicles river-borne craft and containers holding scrap metal or waste, using, or being parked or placed at the site other than in the course of loading or unloading, shall be adequately covered if there is any material risk of any of the contents escaping from the container. Where there is such a risk, vehicles carrying scrap metal or waste out of the site shall be covered before leaving.

4.10 Chlorofluorocarbons (CFCs)

- 4.10.1 All items containing liquid chlorofluorocarbons (CFCs) shall be handled and stored in such a manner that CFCs neither are, nor are liable to be, released into the environment.

- 4.10.2 If CFC removal is carried out it shall be done using equipment so that the liquid CFC is completely transferred to a secure storage container without being released into the environment. No change in the method of CFC removal shall be implemented without the prior written consent of the Agency.

4.11 Polychlorinated Biphenyls (PCBS) and Terphenyls (PCTs)

- 4.11.1 No transformers, capacitors or other equipment containing, or, because of its nature, likely to contain or suspected of containing PCB/PCTs, at a concentration greater than 50 mg/Kg, shall be treated or disposed of at the site. Any such waste equipment received shall be stored separately from other waste on an impermeable hardstanding or in a secure container such that no liquid spills, or is washed from the equipment.





4.12 Vehicles

4.12.1 All vehicle engines and other equipment unless containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) and batteries that are accepted at the site shall either:

(a) be drained as soon as practicable of free running oil and other liquids

or

(b) be stored and processed in an area of impermeable pavement, in such a manner that any liquids that escape from them are captured within the drainage interceptors via the on site drainage system.

4.12.2 Any vehicle for disposal which contains a lead acid battery shall on delivery, have that battery removed in a manner which avoids damage to and spillage from the battery. The battery shall be dealt with in accordance with the condition entitled Lead Acid Battery Storage.

4.13 Lead/Acid Battery Storage

4.13.1 Upon delivery, all lead/acid batteries shall be placed in a secure container specifically labelled and provided for this purpose and located on an impermeable pavement.

4.13.2 The container shall be designed to contain any spillage of the content of batteries, prevent the accumulation of acid vapour and unless stored in a roofed over area shall be covered to prevent the ingress of water.

4.13.3 The holder shall ensure that batteries are handled and stored in such a manner that they are not damaged and their contents are not allowed to spill or otherwise escape from their casing.

4.13.4 Any spillage of battery contents shall be contained and neutralised immediately. An adequate supply of sand/ absorbent materials and neutralising agent shall be kept on site and used on spillages.

5. ENVIRONMENTAL CONTROL & MONITORING

5.1 Quality Assurance for Testing

5.1.1 All sampling, laboratory analysis and testing provisions shall either be accredited by UKAS or be of similar standard approved by the Agency in writing.





5.1.2 Before any such sampling, laboratory analysis or testing provisions are undertaken the holder shall submit a quality assurance plan to the Agency which details the quality control measures, auditing and reporting systems which demonstrate how accuracy and precision are to be achieved and how any deviations to accredited procedures are identified. Once written consent has been given by the Agency all sampling, laboratory analysis and testing provisions shall be carried out in accordance with the quality assurance plan. No change shall be made to the working plan in this respect without the prior written consent of the Agency.

5.2 Pest Control

5.2.1 A monthly inspection of the site shall be made for infestation by pests and any infestation or suspected infestation shall be reported immediately to the relevant local Authority. Effective measures shall be taken so as to eliminate any infestation.

5.2.2 The results of any inspections and any action taken to eliminate infestations or deter pests shall be recorded in the site log book (or on computer record).

5.3 Odour

5.3.1 Any complaints about odour which are made known to the holder and any remedial action which has been taken shall be recorded in the site log book (or on computer record).

5.4 Fire

5.4.1 No waste shall be burnt at the site.

5.4.2 Water supplies for fire-fighting purposes and portable fire-fighting equipment shall be available and maintained as recommended by the Fire Brigade. These supplies shall be protected against freezing.

5.4.3 Adequate access to all parts of the site for Fire Brigade vehicles shall be provided and maintained at all times.

5.4.4 Provision shall be made to allow for the discharge of loads found to be on fire or in an otherwise dangerous condition as detailed in the working plan. If any waste is found to be on fire or in an otherwise dangerous condition which requires the attendance of the Fire Brigade, the holder shall notify the Agency by telephone and the details shall be confirmed in writing within two days of the incident.

5.5 Dust

5.5.1 In accordance with the working plan effective measures shall be taken by the holder to suppress the generation of dust or other particulate matter and to prevent its emission beyond the boundary of the site.

5.5.2 Any complaints about dust which are made known to the holder shall be recorded in the site log book.





5.6 Dust Monitoring

The holder shall cause the operational parts of the site including the boundary and areas beyond the boundary to be monitored for dust at the frequency detailed in the working plan. The dust monitoring shall be carried out in accordance with the working plan and no change shall be made to the working plan in this respect without the prior written consent of the Agency.

5.7 Noise and Vibration

5.7.1 Effective measures shall be taken by the holder to limit the noise and vibration caused by operations at the site.

5.7.2 Any complaints about noise which are made known to the holder shall be recorded in the site log book.

5.8 Noise Monitoring

5.8.1 The holder shall cause the noise and vibration attributable to the activities authorised by this licence to be monitored at the frequency detailed in the working plan. The noise monitoring shall be carried out in accordance with the working plan, and no change shall be made to the working plan in this respect without the prior written consent of the Agency.

5.8.2 A report of the results of each noise monitoring survey together with an assessment of the impact on the locality shall be submitted to the Agency within 7 days of it becoming available to the holder.

5.9 Litter and Spillage

5.9.1 Land outside the licensed area shall be kept free of litter arising from the site, i.e. grade A of the litter code. If litter escapes from the site the affected area shall be returned to grade A within 24 hours of that escape.

5.9.2 The level of litter at the site boundary, including boundary fencing, shall not fall below grade B of the litter code. If the level of litter in such areas increases they shall be returned to grade B within 48 hours.

5.9.3 Precautions shall be taken to prevent spillage of any waste into the river. Any fugitive waste found in the river or on the river banks within the vicinity of the facility which is attributable to the site shall be collected and removed.

5.9.4 Where any container/tank/vessel is to be cut or crushed it shall be done in such a way as to prevent spillage on to the ground of any of the contents or residues whether solid or liquid.

6. Site Completion/Post Closure (The following conditions to be enacted on issue of the waste disposal licence and its transition to a Waste Management licence).





6.1 Removal of Residues

On permanent completion of operations the holder shall ensure that:

- i) all stored waste is removed from the site
- ii) the drainage system, oil separators etc, and tank and bunds are emptied of waste and any residues resulting from the activities at the site.

7. RECORDKEEPING

7.1 Log Book/Recording System

- A log book/ recording system shall be kept at the site control office and used to record Agency inspections, significant incidents and other information required elsewhere in this licence to be so recorded.

7.2 Availability of Records

All records specified in the conditions of this licence shall be made available to the Agency and to any officer of the Agency authorised in writing to enter the site in accordance with Section 108 of the 1995 Act as and when required.

7.3 Record of Materials Handled

7.3.1 Records of the scrap metal and waste received at or removed from the site shall be kept in such a manner that the following information may be easily extracted for each load:-

- a) the registration number of the vehicle^a
- b) a description of the type of material (including where available reference to its origin and any supporting specification or analysis)
- c) the quantity of material either by weight in tonnes or by volume in cubic metres

and in the case of material removed from the site
- d) the full name and address of the place where the material is deposited which must either be to a site where a waste disposal or a waste management licence is in force (the conditions of which authorise the deposit of the waste) or to a site which is exempt or excluded by Regulations from the need for a licence.

7.3.2 For each calendar month a summary of the foregoing records shall be made of the total quantities of material received and removed each day. The types of material and the units of quantity recorded shall be the same as those in general use at the site, such that compliance with the condition entitled Materials, Types and Quantities can be assessed.





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7.4 Submission of Records to the Agency

- 7.4.1 The summary shall be for each calendar month and shall be submitted to the Agency annually.
- 7.4.2 All environmental monitoring results and reports shall be submitted to the Agency within 7 days of receipt by the holder.





APPENDIX

WASTE CATEGORY B(ii) : GENERAL WASTE THAT IS SCRAP METAL

Ferrous metal in solid, sheet, strip, tube form, swarf, dusts and particulate scrap.

Non-ferrous metal in solid, sheet, strip, or tube form e.g. aluminium, brass, copper, tin, zinc, lead and their alloys.

Manufactured items.

Heavy industrial machinery.

Ships.

Fighting vehicles, other than lorries, jeeps and cars.

Guns, rocket launchers and guided missile launchers, but not their control vehicles.

Locomotives.

Railway engines.

Decontaminated empty metal containers.

Cars/Car bodies.

Lorries/Lorry bodies.

Other vehicles/vehicle bodies.

Engines/gearboxes/axle assemblies, etc.

Domestic appliances.

Light industrial machinery.

Aircraft.

Railway carriages and wagons.

Computers and other electronic equipment.

Decontaminated transformers.

Industrial and commercial process plant and equipment.

Office furniture and equipment.

Fragmentised metal scrap (ferrous or non-ferrous).

Light ferrous metal.

Light non-ferrous metal.

Unsorted metal scrap.

Ferrous and non-ferrous metal turnings, swarf, granules, dusts or powders.

EXCLUSIONS

Scrap Metal or Wastes mixed or contaminated with hazardous amounts of any noxious, poisonous or polluting substances.

Sludges or liquids.





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WASTE CATEGORY E: DIFFICULT WASTES

Machinery
Electrical and electronic components, fittings, fixtures and appliances
Tyres
Lighting lamps and tubes, including fluorescent tubes
Electric cable and wire
Photocopiers
Car fragmentiser wastes
Chlorofluorocarbons (CFCs) - (only where received as coolant within waste appliances).

EXCLUSIONS

Scrap Metal or Wastes as defined in The Special Waste Regulations 1996 (SI 1996 No. 972) made pursuant to Section 62 of the Environmental Protection Act 1990 except that detailed in category Q in the appendix to this licence.

Contaminated soil or demolition materials unless specifically approved by the Agency.





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WASTE CATEGORY Q: LIQUID SPECIAL WASTES

As defined in The Special Waste Regulations 1996 (S.I. 1996 No. 972) made pursuant to Section 62 of the Environmental Protection Act 1990 and listed below.

Lead Acid Batteries.

Motor oils-(only where received as component parts of cars, lorries, and other vehicles).



Notice of transfer with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

European Metal Recycling Limited

Albert Works
Kenninghall Road
Edmonton
London
N18 2PD

Transfer application number

EPR/HB3604TQ/T001

Permit number

EPR/HB3604TQ

Albert Works

Permit number EPR/HB3604TQ

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the transfer of an environmental permit to a new operator (the transferee).

The permit has been transferred in full from Metal & Waste Recycling Limited to European Metal Recycling Limited.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Waste Disposal Licence no.387 Issued	02/06/92	-
Waste Disposal Licence no.387 Modified	19/01/93	Modification to increase working hours, height of the waste stacks, management of waste stacks and training of site personnel.
Waste Management Licence EAWML 80298 Modified	07/11/08	Agency modification to bring in the storage and treatment standards required under the Waste Electrical and Electronic Equipment (WEEE) Regulations 2006 and WEEE Directive 2002/96/EC.
Application EPR/EP3091NT/S004	Duly made 19/07/10	Application for a partially surrender of an area of the site on the southern boundary.
Partial Surrender Notice issued EPR/EP3091NT/S004	25/08/10	Varied permit issued.
Application EPR/EP3091NT/V005	Duly made 28/06/10	Application to extend the boundary to the north and west, increase the annual throughput and maximum tonnage stored on site. Also, list the waste codes that are accepted into the site, and deletes conditions 2.1 and 2.2 of the original permit.
Variation issued	26/08/10	Varied permit issued to Metal & Waste Recycling Limited.
Application EPR/EP3091NT/V006	Duly made 22/09/15	Application to vary and update the permit to IED conditions.
Variation determined EPR/EP3091NT	29/06/16	Varied and consolidated permit issued in modern condition format.
Application EPR/HB3604TQ/T001 (full transfer of permit EPR/EP3091NT)	Duly made 12/07/19	Application to transfer the permit in full to European Metal Recycling Limited.
Transfer determined EPR/HB3604TQ (Billing Reference – ZP3137AB and EAWML 80298)	21/08/19	Full transfer of permit complete.

End of introductory note

Notice of transfer

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 21 of the Environmental Permitting (England and Wales) Regulations 2016 transfers

Permit number

EPR/EP3091NT

to

European Metal Recycling Limited ("the operator")

whose registered office is

**Sirius House
Delta Crescent
Westbrook
Warrington
Cheshire
WA5 7NS**

company registration number 02954623

to operate a regulated facility at

**Albert Works
Kenninghall Road
Edmonton
London
N18 2PD**

from Metal & Waste Recycling Limited

The notice shall take effect from 21/08/19

**The number of the new permit granted to European Metal Recycling Limited is
EPR/HB3604TQ**

Name	Date
Vicky Patchett	21/08/19

Authorised on behalf of the Environment Agency

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Metal & Waste Recycling Limited

Albert Works
Kenninghall Road
Edmonton
London
N18 2PD

Variation application number

EPR/EP3091NT/V006

Permit number

EPR/EP3091NT

Albert Works

Permit number EPR/EP3091NT

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

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

The Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and completes the transition of this facility from a waste operation to an IED Installation.

The site is located in Edmonton, North London at NGR TQ 35139 92336, adjacent to the A406 North Circular (Angel Road) and is surrounded on the other three sides by Condit Lane. There is also a railway line along the east and southeast boundaries. The Pymmes Brook is culverted along the southern boundary and Salmon Brook is approximately 500 meters to the east.

The site is within the boundary of an Air Quality Management Zone for particulates and oxides of nitrogen. It is also within the prescribed distance of Lee Valley Ramsar, Lee Valley SPA (or proposed SPA) and Epping Forest SAC.

The site is permitted to store and treat ferrous and non-ferrous metals, End of Life Vehicles (ELVs) including hazardous components, oils and liquids, and Waste Electrical and Electronic Equipment (WEEE).

The site is permitted to accept 349,000 tonnes of waste per annum. This includes 69,000 tonnes of hazardous waste and 280,000 of non-hazardous waste.

The Albert Works facility comprises the following installation activities:

- Treatment of non hazardous waste – shredding of metals: Section 5.4 (b)(iv) – Recovery of non-hazardous waste with a capacity of more than 75 tonnes per day involving treatment in shredders of metal waste.
- Temporary storage of hazardous waste: Section 5.6 - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes.

The Albert Works facility comprises the following directly associated activities:

- Storage of non-hazardous waste pending treatment.
- Storage of non- hazardous waste post treatment.
- Storage of Raw Materials.
- Surface Water Management

The Albert Works facility comprises the following waste operations:

- Vehicle storage, depollution and dismantling (authorised treatment) facility.
- Waste electrical and electronic equipment authorised treatment facility.
- Metal Recycling.
- Storage of Furnace Ready Scrap.

The site has two main buildings that are contained with concrete floors and sealed drainage. Rainwater shedding from the roofs of the buildings, passes to a surface water drainage system. The surrounding yard is constructed from a combination of impermeable concrete surfacing and concrete block laid on a concreted surfacing, which drains to foul sewer via an interceptor.

The installation activity will give rise to particulates. This emission is limited to 10 mg/m³ of total particulates that is including PM₁₀ and PM_{2.5}.

However, the operator will also monitor for oxides of nitrogen, sulphur dioxide and volatile organic carbon compounds in the air emissions. The emissions to air will be abated via a cyclone and bag filtration system to capture particulates.

This variation consolidates all the previous variations of the original permit and updates the permit to modern conditions.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Waste Disposal Licence no. 387 Issued	02/06/92	-
Waste Disposal Licence no. 387 Modified	19/01/93	Modification to increase working hours, height the waste stacks, management of waste stacks and training of site personnel.
Waste Management Licence EAWML 80298 Modified	07/11/08	Agency modification to bring in the storage and treatment standards required under the Waste Electrical and Electronic Equipment (WEEE) Regulations 2006 and WEEE Directive 2002/96/EC
Application EPR/EP3039NT/S004	Duly Made 19/07/10	Application for a partial surrender of an area of the site on the southern boundary.
Partial Surrender notice issued EPR/EP3091NT/S004	25/08/10	Varied permit issued.
Application EPR/EP3091NT/V005	Duly made 28/06/10	Application to extend the boundary to the north and west, increase the annual throughput and maximum tonnage stored on site. Also, list the waste codes that are accepted into the site, and delete conditions 2.1 and 2.2 of the original permit.
Variation issued	26/08/10	Varied permit issued to Metal & Waste Recycling Limited.
Application EPR/EP3091NT/V006 (variation and consolidation)	Duly made 22/09/15	Application to vary and update the permit to IED conditions.
Response to Schedule 5 notice dated 27/10/15	Received 07/12/15	Request for information on acceptance of hazardous and non-hazardous waste
Additional information received	16/12/15	Specification and drawings of the metal shredding plant.
Additional information received	12/01/16 19/01/16	Confirmation of the tonnages for each activity
	21/01/16 and 25/01/16	Additional waste codes to be added to the permit and how these would be dealt with.

Status log of the permit		
Description	Date	Comments
Variation determined EPR/EP3091NT (Billing Reference - ZP3137AB and EAWML 80298)	29/01/16	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/EP3091NT

Issued to

Metal & Waste Recycling Limited ("the operator")

whose registered office is

**Albert Works
Kenninghall Road
Edmonton
London
N18 2PD**

company registration number **01031503**

to operate regulated facilities at

**Albert Works
Kenninghall Road
Edmonton
London
N18 2PD**

to the extent set out in the schedules.

The notice shall take effect from 27/01/2016

Name	Date
Claire Roberts	29/01/2016

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an operator initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/EP3091NT

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/EP3091NT/V006** authorising,

Metal & Waste Recycling Limited ("the operator"),

whose registered office is

**Albert Works
Kenninghall Road
Edmonton
London
N18 2PD**

company registration number **01031503**

to operate an installation and waste operations at

**Albert Works
Kenninghall Road
Edmonton
London
N18 2PD**

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

Name	Date
Claire Roberts	29/01/2016

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 A1 to A7, the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 A1 to A7, the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

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

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 A1 to A7, waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2 to S1.4, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 to S1.4, or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 All activities shall take place on impermeable surface with sealed drainage, unless otherwise specified in Table S1.1 or agreed in writing with the Environment Agency.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 Waste shall only be accepted if:
 - (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3, S2.4, S2.5 and S2.6;
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
 - (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Hazardous waste storage and treatment

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

2.5 Vehicle depollution and dismantling

- 2.5.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

2.6 WEEE storage

- 2.6.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.
- 2.6.2 WEEE, disassembled spare parts, components and residues shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.
- 2.6.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BAT/RTT).
- 2.6.4 All fluids contained within any WEEE shall be removed prior to further treatment.
- 2.6.5 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE.
- 2.6.6 Separately collected components of WEEE specified in table S1.4 shall be treated in accordance with the methods specified in that table.
- 2.6.7 Disassembled spare parts containing liquids, batteries, capacitors containing PCBs/PCTs and any other hazardous waste shall be stored in suitable sealed and labelled containers.
- 2.6.8 Equipment shall be provided and used to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

2.7 Improvement programme

- 2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.5 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.7.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Fire prevention

- 3.3.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
 - (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Odour

- 3.4.1 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.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Pests

- 3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Noise and vibration

3.6.1 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.

3.6.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, 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 sudden noise and vibration.

3.6.3 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.7 Monitoring

3.7.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
- (b) noise specified in table S3.5;
- (c) ambient air monitoring specified in table S3.4; and
- (d) process monitoring specified in table S3.6;

3.7.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.7.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.7.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3, unless otherwise agreed in writing by the Environment Agency.

3.8 Monitoring for radioactive substances

3.8.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.

- 3.8.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.
- 3.8.3 The monitoring carried out to fulfil condition 3.8.1 shall include, as a minimum, use of:
- (a) fixed radiation detectors at all weighbridges at the site; and
 - (b) a hand held detector to investigate alarms generated by the equipment in (a) above.
- 3.8.4 The equipment referred to in condition 3.8.3 (a) shall:
- (a) include solid state scintillation detectors;
 - (b) be positioned as close as reasonably practicable to the waste being monitored;
 - (c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of 'Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal', UNECE, 2006;
 - (d) include visual and audible alarms which activate on detection of radiation above a defined action level.
- 3.8.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.
- 3.8.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.8.3.
- 3.8.7 The operator shall, without delay, inform the Environment Agency of each confirmed detection of radiation in accordance with this condition and the action taken in accordance with condition 4.3.1.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 A1 to A7, a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 For the following activities referenced in schedule 1, table S1.1 A1 to A7, in the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 For the following activities referenced in schedule 1, table S1.1 A8 to A11, the Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental effects.

4.3.4 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

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

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

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

- (c) any change in the operator's name or address; and
- (d) any steps taken with a view to the dissolution of the operator.

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.7 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.8 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

4.4.3 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1	S5.4 A(1) (b) (iv) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.	R3: Recycling/reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From receipt of metal waste to treatment by shredding. Treatment consisting only of shredding and granulating of ferrous and non-ferrous metals for recovery. Treatment of waste shall be carried out within a building provided with weatherproof covering. Buildings shall meet the following requirements: - buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water; - rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids. Waste types suitable for acceptance for shredding and granulating are limited to the non-hazardous wastes specified in Table S2.2.
A2	Section 5.6 A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of hazardous waste to dispatch offsite for recovery. - Storage capacity of hazardous waste shall not exceed 200 tonnes. - There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing. - Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			water. Waste types suitable for acceptance are limited to those hazardous wastes specified in Tables S2.2, S2.3, S2.4, S2.5 and S2.6.
Directly Associated Activity			
A3 (DAA to A1)	Physical treatment for the purpose of recycling	R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From treatment of ferrous and non-ferrous metals to storage of processed materials. Treatment consisting only of sorting, separation and grading of shredded materials. Waste types suitable for acceptance for treatment are limited to the non-hazardous wastes specified in Table S2.2.
A4 (DAA to A1)	Storage of waste, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a)	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of waste to treatment. Waste types suitable for acceptance are limited to the non hazardous wastes specified in Table S2.2.
A5 (DAA to A1)	Storage of processed materials, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a)	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	From storage of processed materials to despatch off site for recovery. Storage of separated ferrous, non-ferrous metals, and shredder residue following treatment.
A6 (DAA to A1 and A2)	Raw materials storage	Storage of raw materials including, nitrogen, foam, lubrication oil and diesel.	From the receipt of raw materials to despatch for use within the facility.
A7	Surface Water Management	Collection and Management	--

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A8 Vehicle storage, depollution and dismantling (authorised treatment) facility.	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic compounds R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	From receipt of waste to treatment and storage of recovered non-hazardous components. Treatment operations shall be limited to: Treatment consisting only of depollution of waste motor vehicles and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste into different components for recovery of wastes. Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery. No more than 20 tonnes of intact waste vehicle tyres (waste code 16 01 03) shall be stored at the site as part of the maximum of 349,000 tonnes of all waste types, at any one time. Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with sealed drainage system. Waste types suitable for acceptance are limited to those specified in Table S2.3.
A9 Waste electrical and electronic equipment authorised treatment facility	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R3: Recycling/ reclamation of organic substances which are not used as solvents R4: Recycling/ reclamation of metals and metal compounds R5: Recycling/ reclamation of other inorganic compounds	From receipt of waste to treatment and storage of recovered of non-hazardous components. Treatment operations shall be limited to: Treatment consisting only of sorting, dismantling, separation, screening, grading, baling, shearing, compacting, crushing, repair or refurbishment, or cutting of waste into different components for recovery. Treatment of WEEE shall be carried out within a building provided with a weatherproof covering. Buildings shall meet the following

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
		requirements: - Buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water; - rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids; No more than 10 tonnes per day of hazardous waste specified in table S2.4 to be treated at the site. Waste types suitable for acceptance are limited to those specified in Table S2.4.
A10 Metal Recycling	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) R4: Recycling/ reclamation of metals and metal compounds	From receipt of waste to treatment and storage of recovered non-hazardous waste. Treatment operations shall be limited to: Treatment consisting only of sorting, separation, grading, shearing, bailing, compaction, crushing or cutting of non-hazardous waste into different components for recovery. Wastes shall be stored for no longer than 3 years prior to recovery. Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface with sealed drainage system. Waste types suitable for acceptance are limited to those specified in Table S2.5.
A11 Storage of Furnace Ready Scrap	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	From receipt of waste to treatment and storage of recovered of non-hazardous waste. Wastes shall be stored for no longer than 3 years prior to recovery. Uncontaminated furnace ready scrap metal waste shall be stored on hard standing or an

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
		impermeable surface with sealed drainage system. Waste types suitable for acceptance are limited to those specified in Table S2.6.

Table S1.2 Operating techniques		
Description	Parts	Date Received
How to comply with your Environmental Permit	Document 433_11 Parts 1 and 2	n/a
Sector Guidance Note IPPC S5.06: Guidance for the recovery and Disposal of Hazardous and Non Hazardous Waste	2.1.1 Pre-acceptance procedures to assess waste 2.1.2 Acceptance procedures when waste arrives at the installation 2.1.3 Waste storage 2.1.4 Treatment - general principles 2.2.1 Point source emissions to air 2.2.2 Point source emissions to surface water and sewer 2.3 Management 2.4 Raw materials 2.5 Waste handling 2.6 Waste recovery or disposal 2.7 Energy	n/a
Application (variation EPR/EP3091NT/V006)	Response to section 3, Part B3 of the application form incorporation of TGN How to comply and SGN S5.06.	06/07/15
Response to Schedule 5 notice dated 27/10/15	All parts (Acceptance of hazardous and non-hazardous waste)	07/12/15

Table S1.3 Substances, preparations and components to be removed from separately collected WEEE
Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) Mercury-containing components, such as switches or backlighting lamps Batteries

Table S1.3 Substances, preparations and components to be removed from separately collected WEEE

Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
Toner cartridges, liquid and paste, as well as colour toner
Plastic containing brominated flame retardants
Asbestos waste and components which contain asbestos
Cathode ray tubes
Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
Gas discharge lamps
Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
External electric cables
Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances
Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
Electrolyte capacitors containing "substances of concern" (height > 25 mm, diameter > 25 mm or proportionately similar volume)

Table S1.4 Specified Treatment Methods for separately collected components of WEEE

Component	Specified Treatment
Cathode ray tubes	The fluorescent coating shall be removed
Gas discharge lamps	The mercury shall be removed
Equipment containing gases that are ozone depleting or have a global warming potential (GWP) above 15 such as those contained in foams and refrigeration circuits	The gases must be properly extracted and properly treated. Ozone depleting gases must be treated in accordance with Regulation (EC) No 1005/2009.

Table S1.5 Improvement programme requirements

Reference	Requirement	Date
IC1	The operator shall submit a written management system to the	29/04/16

Table S1.5 Improvement programme requirements		
Reference	Requirement	Date
	Environment Agency for written approval. The management system must ensure that all installation activities (Activities reference A1 to A7 in Table S1.1) are undertaken in accordance with Best Available Techniques. The management system shall include but no be limited to: (a) a clearly documented and auditable waste acceptance procedure which details: (i) assessment of potential in-feed including pre-acceptance checks to ensure that the wastes received are suitable for shredding; (ii) procedures for the identification, confiscation and repatriation of gas cylinders and other prohibited items; (iii) a dedicated waste reception area with suitably trained staff controlling inspection, reception and validation of wastes; (iv) a dedicated quarantine area for wastes that are prohibited; awaiting full inspection, testing or removal (b) clearly documented and auditable material handling procedures that ensure emissions including dust and noise from material handling are prevented or where that is not practicable minimised, and (c) clearly documented and auditable procedures for the management of shredder residues which ensure that: (i) all residues are stored on impermeable surface with sealed drainage in a way that prevents or where that is not practicable, minimises emissions and prevents wind-blown dispersion (ii) all residues are characterised and assessed for appropriate further processing, recovery or disposal The operator shall implement the management system in accordance with the Environment Agency's written approval.	
IC2	The operator shall submit proposals to the Environment Agency that demonstrate they are preventing, or where that is not practicable, minimising emissions of dust and particulates by the movement and handling of materials by using conveyor belt. This should include as appropriate: (a) covering of conveyors, transfer points and drop points downstream of the shredder; and (b) spraying and misting shall be used in dry or windy conditions	29/07/16
IC3	The operator shall develop and submit a fire prevention plan to the Environment Agency in writing. The plan shall take into account the required information as specified in the Environment Agency's technical guidance, Fire Prevention Plans (version 2, dated March 2015). The appropriate measures for fire prevention shall include: • the management of storage of feedstock, product and/or waste piles	29/04/16

Table S1.5 Improvement programme requirements		
Reference	Requirement	Date
	• measures to prevent, detect and contain fires; and • the management of firewater. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the written proposals. The operator shall implement the procedures and measures in accordance with the Environment Agency's written approval.	
IC4	The operator shall submit a written plan to the Environment Agency for approval that includes: (a) proposals to undertake representative monitoring of the air discharged from point A1 including the parameters to be monitored, frequencies of monitoring and methods to be used; (b) confirmation that a written report will be submitted to the Environment Agency for approval that includes: (i) the results of an assessment of the impact of the emission to air from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in (a) above; and (ii) proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and (iii) details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant. The operator shall carry out the monitoring in accordance with the Environment Agency's written approval.	29/04/16
IC5	The operator shall submit a written proposal to the Environment Agency to carry out tests to determine the size distribution of the particulate matter in the exhaust gas emissions to air from emission point A1, identifying the fractions within the PM₁₀, and PM_{2.5} ranges. The proposal shall include a timetable for approval by the Environment Agency to carry out such tests and produce a report on the results. On receipt of written agreement by the Environment Agency to the proposal and the timetable, the Operator shall carry out the tests and submit to the Environment Agency a report on the results.	29/07/16

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Diesel fuel	Low sulphur

Table S2.2 Permitted Waste types and quantities for Metal Shredding	
Waste Code	Description
Maximum Quantities The total quantity of waste accepted at the site for processing via activity A1 shall not exceed 45,000 tonnes per year. Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year. Total daily waste storage and treatment capacity for activity A1 is 250 tonnes.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid	
Waste Code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 10	wastes from shredding of metal-containing wastes
19 10 02	non-ferrous wastes
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 03	non-ferrous metal

Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.	
Waste code	Description
Maximum Quantities The total quantity of waste accepted at the site for processing via activity A8 shall not exceed 20,000 tonnes	

Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.	
Waste code	Description
per year. Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year. Total daily waste storage and treatment capacity for activity A8 is 100 tonnes.	
Exclusions Wastes having any of the following characteristics shall not be accepted: Consisting solely or mainly of dusts, powders or loose fibres	
Waste Code	Description
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 08	oil wastes not otherwise specified
13 08 01*	De Salter sludges or emulsions
13 08 02*	other emulsions
13 08 99*	wastes not otherwise specified
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 01 04*	end-of-life vehicles
16 01 06	end-of life vehicles (containing neither liquids nor other hazardous components)
16 01 07*	oil filters
16 01 08*	components containing mercury
16 01 09*	components containing PCBs

Table S2.3 Permitted waste types and quantities for Vehicle storage, depollution and dismantling (authorised treatment) facility.	
Waste code	Description
16 01 10*	explosive components (for example air bags)
16 01 11*	brake pads containing asbestos
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 13*	antifreeze fluids containing hazardous pollutants
16 01 15	antifreeze fluids other than those mentioned 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 05	other batteries and accumulators

Table S2.4 Permitted Waste types and quantities for Waste Electrical and Electronic Equipment authorised treatment facility	
Waste Code	Description
Maximum Quantities The total quantity of waste accepted at the site for processing via activity A9 shall not exceed 20,000 tonnes per year. Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year. Total daily waste storage and treatment capacity for activity A9 is 50 tonnes.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Containing ozone-depleting substances	
Waste Code	Description
16 02	wastes from electrical and electronic equipment
16 02 09*	transformers and capacitors containing PCBs

Table S2.4 Permitted Waste types and quantities for Waste Electrical and Electronic Equipment authorised treatment facility	
Waste Code	Description
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 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 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

Table S2.5 Permitted Waste types and quantities for Metal Recycling	
Waste Code	Description
Maximum Quantities The total quantity of waste accepted at the site for processing via activity A10 shall not exceed 245,000 tonnes per year. Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year. Total daily waste storage and treatment capacity for activity A10 is 550 tonnes.	

Table S2.5 Permitted Waste types and quantities for Metal Recycling	
Waste Code	Description
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid	
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 06	end-of-life vehicles containing neither liquids nor other hazardous components
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
16 06	batteries and accumulators
16 06 01*	lead batteries
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 10*	cables containing oil, coal tar and other hazardous substances – for transfer and storage only.
17 04 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes

Table S2.5 Permitted Waste types and quantities for Metal Recycling	
Waste Code	Description
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal
19 12 03	non-ferrous metal
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 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 40	metals

Table S2.6 Permitted Waste types and quantities for Furnace Ready Scrap Storage	
Waste Code	Description
Maximum Quantities The total quantity of waste accepted at the site for processing via activity A11 shall not exceed 245,000 tonnes per year. Annual throughput for all waste accepted at the site shall not exceed 349,000 tonnes per year. Total daily waste storage and treatment capacity for activity A11 is 550 tonnes.	
Exclusions Wastes having any of the following characteristics shall not be accepted: • Consisting solely or mainly of dusts, powders or loose fibres, unless within a suitable container • Wastes that are in a form which is either sludge or liquid	
Waste Code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and waste from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 22	components not otherwise specified
16 02	discarded equipment and its components
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13 (ferrous and non-ferrous metal waste only)
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15 (ferrous and non-ferrous metal waste only)
16 06	batteries and accumulators

Table S2.6 Permitted Waste types and quantities for Furnace Ready Scrap Storage	
Waste Code	Description
16 06 01*	lead batteries
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous wastes
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal
19 12 03	non-ferrous metal
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 40	metals

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 - Emissions control system exhaust (metal shredder)	Total suspended particulates	Extraction System	10 mg/m ³ or other level agreed in writing with the Environment Agency	Hourly average	Quarterly or other frequency agreed in writing with the Environment Agency	BS EN 13284-1.
[E1 on site plan in schedule 7]	Volatile Organic Carbon (VOCs)	Extraction System	No limit	Hourly average	Annually	BS EN 13649
	Oxides of nitrogen (NO _x)	Extraction system	No limit			BS EN 14792
	Sulphur dioxide (SO ₂)	Extraction system	No limit			TGN M21 - AM

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 - Emission to land [E3 on site plan in schedule 7]	Uncontaminated site source water from roofs and non operational areas	No parameter set	No limit set	--	Weekly	Visual assessment – no visible oil or grease

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 - Emission to Thames Water Sewage Treatment Works [E2 on site plan in schedule 7]	Process water and site surface water drainage	Metals	No limit set	--	--	--
		Suspended oils				
		oil/grease				

Table S3.4 Ambient monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At a location agreed in writing with the Environment Agency that will obtain reliable and representative data on PM ₁₀ emissions from the waste management operations that enables the operator to identify emissions and take steps to prevent a reoccurrence.	Particulate matter less than 10 millionth of a metre in diameter (PM ₁₀).	5 minute average	The equipment shall be operated to a procedure agreed in writing with the Environment Agency. The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce PM₁₀ emissions from the facility.	Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency. The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6 monthly, whichever is first. The system must be managed and maintained by suitably trained personnel. The system must obtain representative data that must accurately reflect PM₁₀ levels produced by the site's activities.

Table S3.5 Noise monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Perimeter noise survey at grid reference TQ 35044 92545 – Rays Road	Noise	Annually	BS 4142:2014	

Table S3.6 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Record of residual wastes removed from the site	Quantities of residual materials from shredding process	Quarterly	-	-

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source to air monitoring Parameters as required by condition 3.7.1	A1	Quarterly Annually	1 January 1 January
Ambient air monitoring Parameters as required by condition 3.7.1	As agreed in writing by the Environment Agency.	Monthly	1 January
Noise monitoring Parameters as required by condition 3.7.1	As agreed in writing by the Environment Agency.	Annually	1 January

Table S4.2 Annual production/treatment	
Parameter	Units
Metal processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes
Non-metallic shredder residue	tonnes
WEEE processed	tonnes
Other fractions recovered	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Total raw material used	Annually	tonne

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air Emissions	Form particulate 1 or other form as agreed in writing by the Environment Agency	29/01/16
Ambient air monitoring	Form ambient monitoring 1 or other form as agreed in writing by the Environment Agency	29/01/16
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	29/01/16

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	29/01/16
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	29/01/16
Waste returns	E-waste returns	--

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

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

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

“baling” means baling that utilises a hydraulic machine that using compressive forces compacts various materials into regular-shaped dense bales (typically a cube). Bales may be belted with straps or steel wire to keep the bale in its compacted state; although for most metal bales this is not necessary. Baled scrap metal may be easier to handle, store and transport than loose scrap.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled ‘Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE)’; and any revision to or replacement of it.

“compacting” means compacting involving the flattening or crushing of compactable metal wastes to aid storage and economic transportation to the scrap processor; it is often a preparation for shredding. Compacting may be achieved using a waste handler’s loading shovel (known as “tapping”) or specially-designed hydraulic flattener.

“controlled substances” means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons listed in Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed.

“cutting” means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter to cut and/or resize large pieces of scrap metal into more manageable sizes; powder torches and plasma torches may be used to cut heat-resistant scrap e.g. pig iron, copper, bronze).

“defective unit” means a refrigeration unit that does not have any gas pressure in the cooling circuit.

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

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

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No. 675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“grading” means the sorting of metals to industry-agreed specifications ready for use, without the need for further treatment, by the end consumer to manufacture new metals.

“granulating” means granulated to a very small size with metal/non-metal separation by air classification and flotation.

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

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

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No. 894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No. 895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“Lower Explosive Limit” means the lowest concentration (specified as a percentage) of a combustible gas in air capable of burning in the presence of an ignition source.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“ozone-depleting substances” “ODS” means “controlled substances” contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

“pests” means Birds, Vermin and Insects.

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

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

“reference 1” means the International Atomic Energy Agency recommendations in Annex IV of ‘Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal’, UNECE, 2006.

“refrigerant” means refrigerant gas contained in the compressor and cooling circuit of the refrigeration unit. Refrigerants include chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), hydrofluorocarbons (HFCs), hydrocarbons (HCs) and ammonia.

“refrigeration unit type” are four identified types of refrigeration unit, as set out in the table below:

Type 1	Refrigerator with storage capacity <0.18 m ³
Type 2	Refrigerator or combined refrigerator/freezer with storage capacity >0.18 m ³ & <0.35 m ³
Type 3	Freezer with storage capacity <0.50 m ³
Type 4	any refrigerator or freezer not covered by Types 1-3

“refrigeration unit” should be taken to include all types of refrigeration equipment as well as appliances like heat pump tumble dryers, de-humidifiers and portable air conditioners, and comparable commercial refrigeration units and appliances, are not explicitly included in the unit types defined above, however they should still be taken into account in the Appendix A and Appendix B reporting requirements and managed in accordance with the conditions of the permit where relevant.

“refrigeration unit carcass” is the term used to describe refrigeration unit following completion of pre-destruction processing (i.e. following drainage of cooling system and removal of compressor and any switches/components, condensers and electronic drives).

“residual materials” means both materials and wastes resulting from the specified operations.

“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:

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

“separation” means separating wastes into different material types, components and grades.

“shearing” means utilises a range of hydraulic machinery that comprise hard steel blades which cut metals into manageable sizes. It may be hand-held, static or attached to mobile plant (e.g. cranes).

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“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.

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

“waste motor vehicle” means a wheeled vehicle for use on land and that does not operate on rails that is waste within the meaning of Article 3(1) of the Waste framework Directive.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

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

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

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Where the following terms appear in the waste code list in Tables S2.2 to S2.6 they have the meaning given below.

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

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

“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that ‘PCBs’ means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, monomethyl-dichloro-diphenyl methane, monomethyldibromo-diphenyl methane; and
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

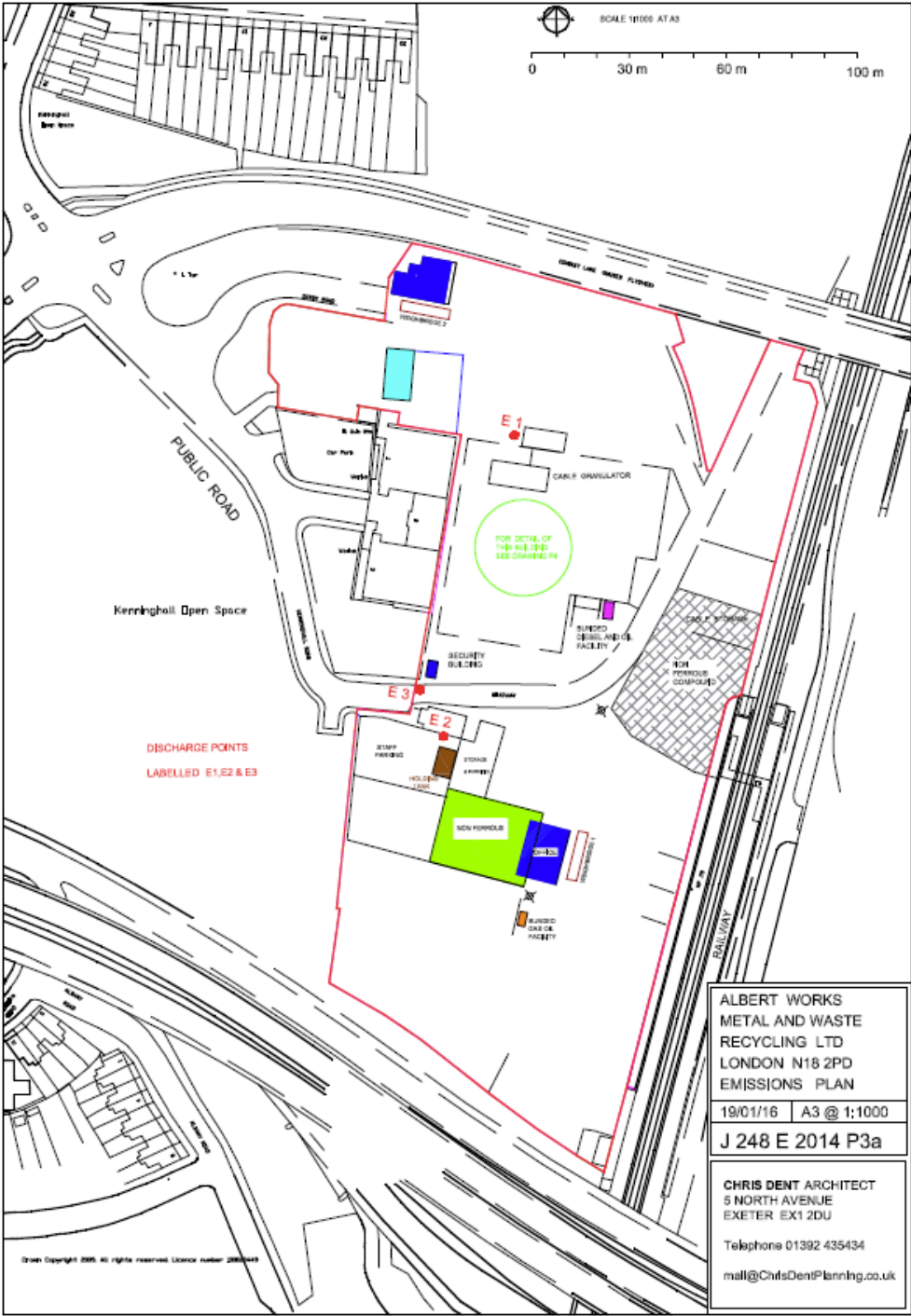
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

Schedule 7 – Site plan



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END OF PERMIT

Permit Number: EPR/EP3091NT

Operator:

**Metal & Waste
Recycling Limited**

Facility: Albert Works

Form Number:

particulate 1 / 29/01/16

Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A1 Shredder	Total Particulates	10 mg/m ³	Hourly average		As agreed with the Environment Agency		

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/EP3091NT

Operator:

**Metal & Waste
Recycling Limited**

Facility: Albert Works

Form Number:

**ambient monitoring 1 /
29/01/16**

Reporting of ambient monitoring for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Parameter	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
At a location to be agreed in writing with the Environment Agency	Particulate matter less than 10 millionth of a metre in diameter (PM ₁₀).	5 minute average				

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/EP3091NT

**Operator: Metal & Waste
Recycling Limited**

Facility: Albert Works

Form Number: water usage 1 / 29/01/16

Reporting of Water Usage for the year

Water Source	Usage (m³/year)	Specific Usage (m³/unit output)
Mains water		
TOTAL WATER USAGE		

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: EPR/EP3091NT

**Operator: Metal & Waste
Recycling Limited**

Facility: Albert Works

Form Number: energy 1 / 29/01/16

Reporting of Energy Usage for the year

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

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/EP3091NT

**Operator: Metal & Waste
Recycling Limited**

Facility: Albert Works

Form Number: performance 1 / 29/01/16

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

Parameter	Units
Total of each raw material used	tonnes

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Surrender notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Albert Works

Metal & Waste Recycling Limited
Kenninghall Road
Edmonton
London
N18 2PD

Surrender notice number
EPR/EP3091NT/S004

Permit number
EPR/EP3091NT

Albert Works

Permit number EPR/EP3091NT

Introductory note

This introductory note does not form a part of the permit

The following notice is issued in accordance with regulation 25 and Part 1 of Schedule 5 of The Environmental Permitting (England and Wales) Regulations 2010 (S.I.2010 No. 675) (the Regulations) to surrender part of a permit issued under the Regulations to operate the regulated facility.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	Date	Response Date
Waste Disposal Licence no. 387 Issued	02/06/92	
Waste Disposal Licence no. 387 Modified	19/01/93	
Waste Management Licence EAWML 80298 Modified (formerly Waste Disposal Licence 387)	07/11/08	
Partial Surrender application EPR/EP3091NT/S004 (formerly EAWML 80298)	Duly Made 19/07/10	
Partial Surrender notice issued	25/08/10	

End of Introductory Note

Surrender

Environmental Permitting (England and Wales) Regulations 2010

Surrender notice

Permit number

EPR/EP3091NT

Surrender number

EPR/EP3091NT/S004

Operator

Metal & Waste recycling Limited

Registered office address

Albert Works, Kenninghall Road, Edmonton, London, N18 2PD

Company registration number 1031503

Regulated Facility

Albert Works

Kenninghall Road

Edmonton

London

N18 2PD

The Environment Agency in exercise of its powers under Regulation 25 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) accepts the partial surrender of this permit to the extent set out in schedules 1 to 4 of this notice.

This notice shall take effect from 25 August 2010

Name	Date
	25 August 2010

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

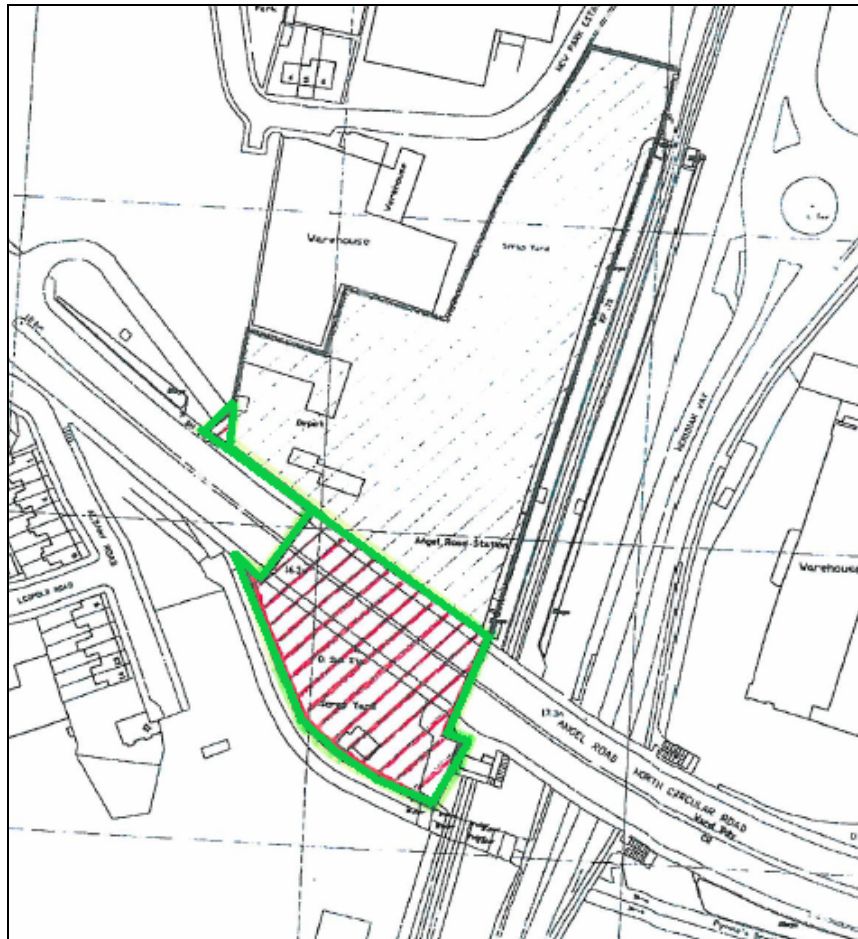
Schedule 2 – conditions to be amended

None

Schedule 3 – conditions to be added

None

Schedule 4 – amended plan



Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Albert Works

Metal & Waste Recycling Limited
Kenninghall Road
Edmonton
London
N18 2PD

Variation notice number
EPR/EP3091NT/V005

Permit number
EPR/EP3091NT

Albert Works

Permit number EPR/EP3091NT

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

This variation increases the permitted boundary, the annual throughput to 349,000 tonnes, the total capacity to 956 tonnes per day and the maximum amount of waste to be stored at any one time to 10,000 tonnes. It also lists the permitted waste codes. Conditions 2.1 and 2.2 for the original Waste Disposal Licence have been deleted.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	Date	Response Date
Waste Disposal Licence no. 387 Issued	02/06/92	
Waste Disposal Licence no. 387 Modified	19/01/93	
Waste Management Licence EAWML 80298 Modified	07/11/08	
Partial Surrender notice issued EPR/EP3091NT/S004	25/08/10	
Application EPR/EP3091NT/V005	Duly made 28/06/10	
Variation issued	26/08/10	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2010

Permit number

EPR/EP3091NT

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the permit as set out below.

Metal & Waste Recycling Limited ("the operator"),

whose registered office is

Albert Works, Kenninghall Road, Edmonton, London, N18 2PD

company registration number 1031503

holds a permit to operate a regulated facility at

Albert Works

Kenninghall Road

Edmonton

London

N18 2PD

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from 26 August 2010

Name	Date
	26 August 2010

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

The following conditions are deleted

2.1 The quantity of waste deposited at the facility shall not exceed 672 tonnes on each day from Mondays to Fridays (inclusive) and 427 tonnes on Saturdays.

2.2 No waste other than the controlled household, industrial and commercial wastes as defined in Section 30 of the Control of Pollution Act 1974 and the Collection and Disposal of Waste Regulations 1988 as are listed below and detailed in the appendix shall be received or handled at the facility.

Maximum tonnes per day

i) Waste category B(ii): General waste that is scrap metal	670
ii) Waste category Q: Liquid special waste	2

Schedule 2 – conditions to be amended

None

Schedule 3 – conditions to be added

The following conditions are to be added

2.5

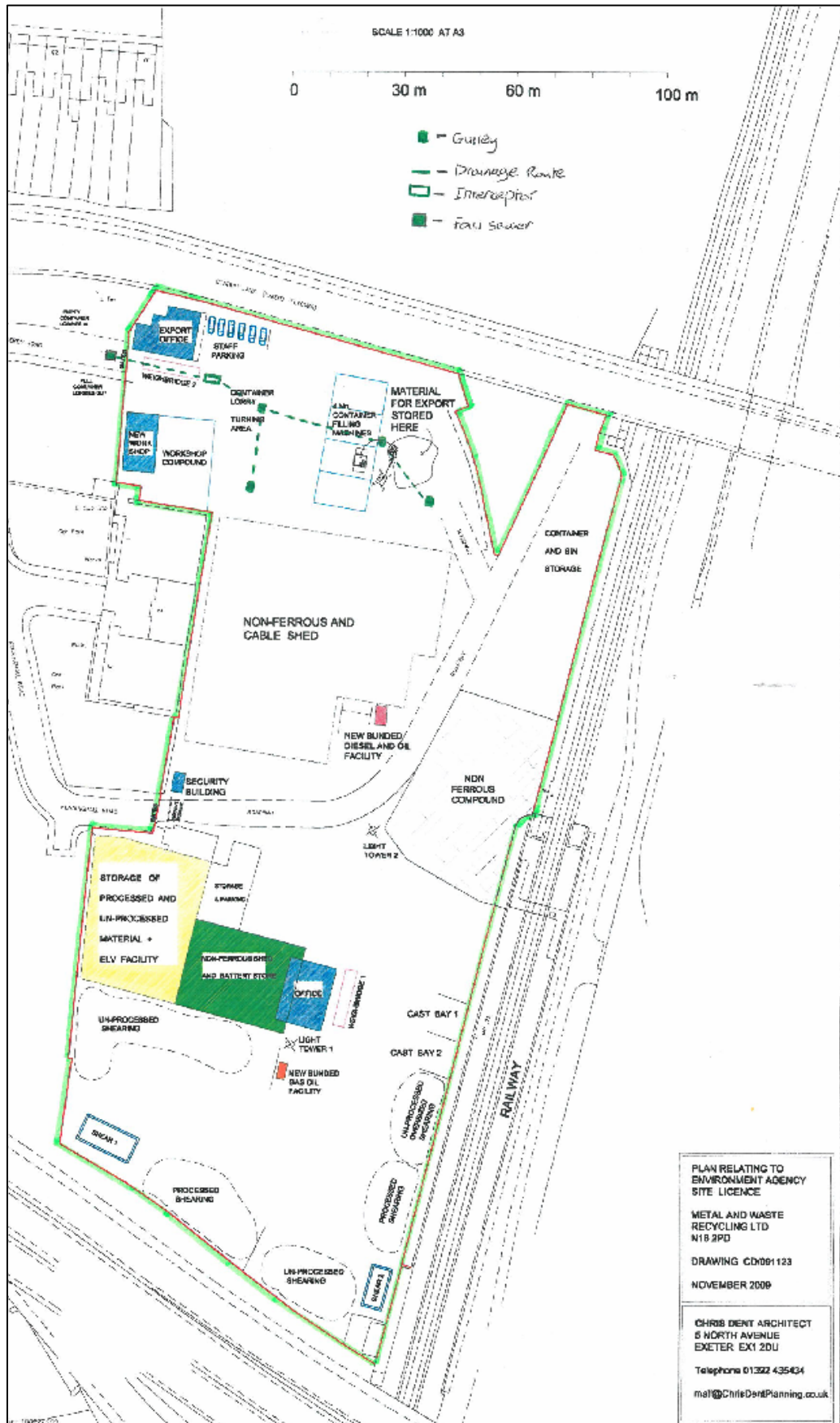
Table S2.1 Permitted waste types and quantities for a Metal Recycling Facility (Mixed MRS)	
Maximum quantity	Annual throughput: 349,000 tonnes Total Capacity: 956 tonnes per day Maximum amount of waste to be stored at any one time: 10,000 tonnes
Waste code	Description
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 08	oil wastes not otherwise specified
13 08 01*	De Salter sludges or emulsions
13 08 02*	other emulsions

Table S2.1 Permitted waste types and quantities for a Metal Recycling Facility (Mixed MRS)	
Maximum quantity	Annual throughput: 349,000 tonnes Total Capacity: 956 tonnes per day Maximum amount of waste to be stored at any one time: 10,000 tonnes
Waste code	Description
13 08 99*	wastes not otherwise specified
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 01*	chlorofluorocarbons, HCFC, HFC
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
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 01 04*	end-of-life vehicles
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 07*	oil filters
16 01 08*	components containing mercury
16 01 09*	components containing PCBs
16 01 10*	explosive components (for example air bags)
16 01 11*	brake pads containing asbestos
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components ¹ other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15

Table S2.1 Permitted waste types and quantities for a Metal Recycling Facility (Mixed MRS)	
Maximum quantity	Annual throughput: 349,000 tonnes Total Capacity: 956 tonnes per day Maximum amount of waste to be stored at any one time: 10,000 tonnes
Waste code	Description
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	ferrous metal
19 12 03	non-ferrous metal
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)
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 40	metals

Schedule 4 – amended plan

Amended plan attached



**ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37**

**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

LICENCE REFERENCE: EAWML 80298	FACILITY TYPE: A20
LICENCE HOLDER: Metal & Waste Recycling Group Ltd Albert Works Kenninghall Road Edmonton London N18 2PD	LICENSED FACILITY: Metal & Waste Recycling Albert Works Kenninghall Road Edmonton London N18 2PD GRID REFERENCE: TQ 350670 922340

WHEREAS you are the licence holder of the said licensed facility

AND WHEREAS on the 1st April 1996 the powers and duties of all waste regulation authorities in England and Wales transferred to the Environment Agency ("the Agency") by virtue of section 2 of the Environment Act 1995

AND WHEREAS the conditions of the said licence may have been modified from time to time

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

Signed



Name Ian Brindley

Permitting Team Leader

Dated 07 November 2008

This modification shall take immediate effect

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED AT THE
END OF THIS NOTICE.**

EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

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

Where, except in pursuance of a direction given by the Secretary of State, the conditions of a licence are modified, the licence holder may appeal from the decision to the Secretary of State.

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
Environment Appeals Team
Room 4/04, Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is –
The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 0117 372 8726
Fax: 0117 372 8139

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 any application to modify the licence;

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 overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

Introductory Note

This introductory note does not form part of the licence

On 5th January 2007 the Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) 2006, which implement certain requirements of Directive 2002/96/EC, came into force and set out minimum requirements for the storage and treatment of waste electrical and electronic equipment (WEEE). The purpose of this modification is to ensure the conditions of your licence comply with those requirements and that you only store and treat WEEE in accordance with those conditions.

This modification does not extend the types or quantities of waste authorised by the licence.

SCHEDULE – CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under section 37(1)(a) of the Environment Protection Act 1990 append the following conditions and schedules:

If there is an inconsistency between the requirements of the existing conditions of this licence and those imposed by this modification then the requirements imposed by this modification prevail.

WEEE 1.1.1 The licence holder is authorised to carry out the activities specified in schedule WEEE1, table 1.1 Licensed activities ("the activities").

WEEE 1.1.2 The storage (including temporary storage) and treatment of separately collected WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive specified in schedule WEEE2 to this notice.

WEEE 1.1.3 Separately collected WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT).

WEEE 1.1.4 As a minimum, the substances, preparations and components specified in schedule WEEE1, table 1.4 shall be removed from any separately collected WEEE.

WEEE 1.1.5 All fluids contained within any separately collected WEEE to be treated at the site shall be removed prior to further treatment taking place.

WEEE 1.1.6 The components of separately collected WEEE listed in schedule WEEE1, table 1.2 shall be treated in accordance with the methods specified.

WEEE 1.1.7 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving the facility.

WEEE 1.1.8 WEEE waste shall only be accepted if it is a type permitted by this waste management licence as defined in Schedule WEEE1, table1.3.

Schedule WEEE1 – Operations

Table 1.1 Licensed activities	
Description of activities	Limits of activities Maximum storage time of 1 year prior to disposal or 3 years prior to recovery.
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).	Technical Requirements for Storage: • WEEE, disassembled spare parts, components or residues must be stored on an impermeable surface with sealed drainage with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers; • WEEE, disassembled spare parts, components or residues must be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate; • disassembled spare parts containing liquids shall be stored in appropriate containers; • batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled appropriate containers. Buildings, covered areas or containers must meet the following requirements: • buildings, covered areas, or containers must be designed, constructed and maintained to prevent ingress of rain and surface water; • rain and uncontaminated surface water must be kept separate from contaminated water and other liquids; • containers must be stored on an impermeable surface with sealed drainage.
R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes.	Technical Requirements for Treatment: Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, or cutting of waste into different components for recovery.
R4: Recycling or reclamation of metals and metal compounds.	Treatment of WEEE: • must be carried in areas provided with a waterproof covering where appropriate; • must be carried out on an impermeable surface with sealed drainage with provision of spillage collection facilities and where appropriate, decanters and cleanser degreasers.
R5: Recycling or reclamation of other inorganic materials. The capacity of the site for hazardous waste subject to a R5 activity shall not exceed 10 tonnes per day.	Buildings, covered areas or containers must meet the following requirements: • buildings, covered areas, or containers must be designed, constructed and maintained to prevent ingress of rain and surface water; • rain and uncontaminated surface water must be kept separate from contaminated water and other liquids; • containers must be stored on an impermeable surface with sealed drainage.

Table 1.2 Specified Treatment Methods for separately collected components of WEEE	
Component	Specified Treatment
Cathode ray tubes.	The fluorescent coating has to be removed.
Gas discharge lamps	The mercury shall be removed

Table 1.3 – Permitted Waste Types
This modification applies only to the wastes authorised by the waste management licence

Table 1.4 – Substances, preparations and components to be removed from separately collected WEEE
• Capacitors containing Polychlorinated biphenyls (PCB) • Mercury-containing components, such as switches or backlighting lamps • Batteries • Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres • Toner cartridges, liquid and powder, as well as colour toner • Plastic containing brominated flame retardants • Asbestos waste and components which contain asbestos • Cathode ray tubes • Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC) • Gas discharge lamps • Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps • External electric cables • Components containing refractory ceramic fibres • Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation • Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

Schedule WEEE2 - Directive requirements

WEEE Directive ANNEX III

Technical requirements in accordance with Article 6(3)

1. Sites for storage (including temporary storage) of WEEE prior to their treatment (without prejudice to the requirements of Council Directive 1999/31/EC):

- impermeable surfaces for appropriate areas with the provision of spillage collection facilities and, where appropriate, decanters and cleanser-degreasers,
- weatherproof covering for appropriate areas.

2. Sites for treatment of WEEE:

- balances to measure the weight of the treated waste,
- impermeable surfaces and waterproof covering for appropriate areas with the provision of spillage collection facilities and, where appropriate, decanters and cleanser-degreasers,
- appropriate storage for disassembled spare parts,
- appropriate containers for storage of batteries, PCBs/PCTs containing capacitors and other hazardous waste such as radioactive waste,
- equipment for the treatment of water in compliance with health and environmental regulations.

Interpretation

In this modification the expressions listed shall have the meaning given below:

“WEEE” means waste electrical and electronic equipment and has the meaning given by Regulation 2 of The Waste Electrical and Electronic Equipment Regulations 2006.

“WEEE Directive” shall have the meaning given to it by regulation 2 of The Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) Regulations 2006.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it by regulation 1 (3) of the Waste Management Licensing Regulations 1994 as amended by The Waste Electrical and Electronic Equipment (Waste Management Licensing) (England and Wales) Regulations 2006

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

“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”.

“sealed drainage system” in relation to an impermeable pavement, means a drainage system with impermeable components which does not leak and will ensure that no liquid will run off the pavement otherwise than via the system and except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.

“weatherproof covering” means covering which is resistant to the effects of bad weather.

“waterproof covering” means covering which is impervious to water.

“ozone-depleting substances” “ODS” means “controlled substances” contained in refrigeration, air-conditioning and heat pump equipment, equipment containing solvents, fire protection systems and fire extinguishers.

“where appropriate” in relation to weatherproof covering means where weatherproof covering is required to minimise the contamination of clean surface and rain waters, to facilitate the reuse of whole appliances and components intended for reuse, to assist in the containment of hazardous materials and fluids or where hazardous WEEE is stored.

“where appropriate” in relation to waterproof covering means where waterproof covering is required to minimise the contamination of clean surface and rain waters, to facilitate the reuse of whole appliances and components intended for reuse and to assist in the containment of hazardous materials and fluids or where hazardous WEEE is treated.



PERMIT



WCCN
Gary Widdowson

CONTROL OF POLLUTION ACT 1974
WASTE DISPOSAL LICENCE



OUTGOING

DISPOSAL LICENCE NO. 387

G.A.D. HOLDINGS LIMITED
~~ANGEL ROAD GOODS DEPOT~~
EDMONTON
N18 2EA

KENNINGHALL ROAD,

2PD

NOTICE OF MODIFICATION

The waste disposal licence dated 2 June 1992 issued to G.A.D. Holdings Limited in respect of the site known as Angel Road Goods Depot, Edmonton, London N18 2EA, is modified as follows:-

Condition No. 1.1 is deleted.

Conditions No. 1.2 and 6.2.3 are deleted and replaced as follows:

Condition 6.2.4, 6.2.5, 6.2.6 and 6.2.7 are added:-

1.0 OPERATIONAL TIMES

1.1 Waste shall not be received or handled at the facility except during the following times:-

Monday to Saturdays 06.00 hours - 20.00 hours

Sundays & Public Holidays 09.00 hours - 20.00 hours

6.2.3 No waste shall be stored to a height exceeding 10 metres.

Conditions 6.2.4, 6.2.5, 6.2.6 and 6.2.7 are added as follows:-

6.2.4 Any stack of waste shall be of such a base area and height that it remains stable and permits the addition and removal of waste within the operational capabilities of the loading machine used.

6.2.5 No waste shall be stored against any boundary or retaining fence to the facility, or in such a manner that waste may fall into, or over, any boundary.

6.2.6 All personnel shall be appropriately trained and shall only carry out tasks for which they have been trained and judged competent.

GAD002.MOD/AHLIVE



CONTROL OF POLLUTION ACT 1974
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6.2.7 A comprehensive system of working to ensure the provisions of conditions 6.2.3, 6.2.4, 6.2.5, 6.2.6 and 8.12 shall be submitted to the LWRA and Health & Safety Executive within three months of the issue of this condition of the licence.

Signed: Director, London Waste Regulation Authority, the officer appointed for this purpose.

John Ferguson

Dated this 19th day of January 1993.

GAD002.MOD/AHLIVE

DEREK
Derek Baker - Site Mgr.
Chris Peloni - M.D.
Steve Roback - M.D.



WCCN

GAD 002

CONTROL OF POLLUTION ACT 1974
WASTE DISPOSAL LICENCE

DISPOSAL LICENCE NO. 387

CONTROL OF POLLUTION ACT 1974

WASTE DISPOSAL LICENCE



OUTGOING



PERMIT

LICENCE HOLDER: G.A.D. HOLDINGS LIMITED

ADDRESS OF FACILITY: ANGEL ROAD GOODS DEPOT
EDMONTON
LONDON
N18 2EA

TYPE OF WASTE
DISPOSAL FACILITY SCRAP METAL

The London Waste Regulation Authority (hereinafter called the 'LWRA') pursuant to section 5 of the Control of Pollution Act 1974 hereby authorises the use by G.A.D. Holdings Limited (hereinafter called 'the holder') Registered Office, Angel Road Goods Depot, London, N18 2EA, of the site known as Angel Road Goods Depot, London, N18 2EA as shown outlined in black on location drawing Reg. No. LWRA/316551, holder's drawing No. ABC/GAD/2, dated May 1991 (which site is hereinafter called the 'facility') for the reception and transfer of wastes subject to the conditions attached hereto.

(This licence does not exempt the holder from complying with other legislation, in particular the Scrap Metal Dealers Act 1964, the Radioactive Substances Act 1960, the Health and Safety at Work, etc. Act 1974, the Control of Substances Hazardous to Health Regulations (1988) and planning, transport, water protection and environmental health legislation).

John Ferguson

Signed: Director, London Waste Regulation Authority, the officer appointed for this purpose.

Dated this

2nd

day of

June

1992.



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WASTE DISPOSAL LICENCE

1.0 DURATION & OPERATIONAL TIMES

1.1 This licence is to take effect from the date hereof and to be effective for a period of five years.

1.2 Waste shall not be received or handled at the facility except during the following times:-

Mondays to Fridays	07.00 hours - 18.00 hours
Saturdays	07.00 hours - 14.00 hours
Sundays & Public Holidays	NO OPERATION

2.0 WASTE TYPES & THROUGHPUT

2.1 The quantity of waste deposited at the facility shall not exceed 672 tonnes on each day from Mondays to Fridays (inclusive) and 427 tonnes on Saturdays.

2.2 No waste other than the controlled household, industrial and commercial wastes as defined in Section 30 of the Control of Pollution Act 1974 and the Collection and Disposal of Waste Regulations 1988 as are listed below and detailed in the appendix, shall be received or handled at the facility.

Maximum tonnes per day

i) Waste category B(ii) : General waste that is scrap metal	670
ii) Waste category Q : Liquid special waste	2

2.3 No 'special waste' as defined by the Control of Pollution (Special Waste) Regulations 1980 (S.I. 1980 No. 1709), except for that authorised under waste category 'Q' above, shall be handled at the facility.

2.4 No clinical waste as defined by the Collection and Disposal of Waste Regulations 1988 (S.I. 1988 No. 819) shall be handled at the facility.



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3.0 VEHICLES

- 3.1 All vehicle engines and other equipment that are accepted at the site shall either:
- (a) be drained as soon as practicable of free running oil and other liquids in the area designated on drawing ref LWRA/316552, holders drawing number ABC/GAD/1 dated May 1991.
 - (b) be stored in the area designated on drawing ref LWRA/316552, holders drawing number ABC/GAD/1 dated May 1991 in such a manner that liquids do not escape.
- 3.2 All practical measures shall be taken to ensure that drained oils are recovered and removed for disposal as appropriate.
- 3.3 All items containing chloro-fluorocarbons (CFC's) shall be handled and treated in such a manner that no CFC's are released to the atmosphere.

4.0 BATTERIES

- 4.1 Upon delivery, all lead/acid batteries shall be deposited in the container specifically labelled and provided for this purpose and located in the area indicated on drawing Reg No. LWRA/316552, holder's drawing No. ABC/GAD/1 dated May 1991.
- 4.2 Upon delivery, all batteries which are not of the type described in the above condition shall be stored in a designated container situated in a designated area. This container shall be constructed so as to prevent the escape of any of the contents of batteries or any contaminated liquid.
- 4.3 The storage container shall be covered so as to prevent ingress of water.
- 4.4 Batteries shall be handled in such a manner that they are not damaged and their contents shall not be allowed to spill or otherwise escape from their casing.
- 4.5 The storage area shall be located on an impervious material, such as concrete, and shall be adequately drained to prevent an accumulation of surface water.
- 4.6 Any spillage of battery contents shall be dealt with immediately to prevent water pollution and ensure public safety. Adequate quantities of sand/absorbent material and neutralising agent shall be kept on site and used on spillages where appropriate and then disposed of to an appropriately licensed facility.
- 4.7 No drainage from the storage area shall occur to any watercourse, surface water sewer or soakaway.



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- 4.8 Only suitably trained personnel nominated by the holder shall be permitted to manage and handle the storage of batteries.
- 4.9 Batteries shall be removed to an appropriately licensed facility, in accordance with the Control of Pollution (Special Waste) Regulations 1980 (S.I. 1980 No.1709).

5.0 CONTROL AND SUPERVISION

- 5.1.1 Location and layout drawings, together with the document(s) dated 7 November 1991 detailing intended methods of operation supplied in or at the time of the application for this licence and any later drawings or written statements received by the LWRA in substitution for or in augmentation of such drawings or statements, are hereinafter referred to as 'the working plan' and give details of how operations are to be conducted at the facility. The working plan shall be deemed to be part of this licence.
- 5.1.2 Waste shall not be received or handled at the facility until such time as the working plan referred to in condition 5.1.1 above is being complied with unless otherwise agreed by the LWRA in writing.
- 5.1.3 Notification shall be made in writing to the LWRA of any proposed change in the actual conduct of operations from the proposals shown in the working plan, as altered by any previously notified changes, at least one month before the proposed change is implemented, and such change shall not be implemented without the prior written consent of the LWRA.
- 5.1.4 Subject to the terms of this licence the holder shall conduct its operations in accordance with the working plan.
- 5.2 Sufficient management and technical supervision shall be provided at the facility throughout operating hours to ensure that operations comply with this licence and the working plan.
- 5.3.1 An identification board of durable material and finish, and in a form and location to be approved by the LWRA, shall be displayed at the entrance to the facility.
- 5.3.2 The board shall show the following information which shall be easily readable from the public highway:-
- i) the name and address of the facility
 - ii) the days and hours when the facility is permitted to be open for the receipt of waste
 - iii) the name and telephone number of the LWRA.
- 5.3.3 The board shall be maintained in a legible condition.



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- 5.4.1 The terms of this licence and working plan, and any alteration thereto made pursuant to condition 5.1.3 hereof, shall be made known to any person who is given responsibility for the management or control of the facility.
- 5.4.2 A copy of this licence shall be displayed at the facility control office where it can be read by the holder's employees at the facility and any visitors.
- 5.5 Equipment shall be provided, and arrangements made to contain and collect spillage of waste anywhere on the facility as necessary.
- 5.6.1 Except for cutting and handsorting, all other handling of waste shall be by mechanical means only.
- 5.6.2 Any machine working in an elevated location shall be on a solid plinth which has been properly designed and constructed.
- 5.7.1 No vehicle shall be allowed to enter the facility for the purpose of depositing or collecting waste unless it is designed and used in such a manner as to prevent spillage of waste or deposit of liquid or other debris on the entrance and exit roads within the facility.
- 5.7.2 All vehicles and containers holding waste, using or being parked or placed on the facility other than in the course of loading or unloading, shall be adequately covered if there is any material risk of any of the contents spilling out or being blown away. The holder shall ensure that where there is such a risk vehicles carrying waste out of the facility are adequately covered before they leave the facility.
- 5.8 Appropriate alternative arrangements shall be implemented for the disposal or transfer of waste in the event of an interruption of normal operations extending beyond 24 hours.
- 5.9 All temporary cessations of a major part of the operations which require the transfer or diversion of wastes delivered at the facility to facilities elsewhere for a period longer than three consecutive days shall be notified in writing to the LWRA giving details of the diversion arrangements.
- 5.10 The holder shall inform the LWRA in writing of its intention to cease operations 14 days prior to the date on which they are due to cease.
- 5.11 Adequate parking and queueing facilities shall be provided for vehicles off the public highway, commensurate with the scale of operation.



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- 5.12 Where any container/tank/vessel is to be cut or crushed it shall be done in such a way as to prevent spillage on to the ground of any contents or residue whether solid or liquid.
- 5.13 No standing water or other liquid shall be allowed to accumulate in the bunded areas.
- 6.0 SPECIAL REQUIREMENTS REGARDING STORAGE
- 6.1 Waste shall not be stored in a manner which may endanger public health.
- 6.2.1 Waste shall only be stored in the areas prescribed on the drawing Reg. No. LWRA/316552, holder's drawing No. ABC/GAD/1 dated May 1991.
- 6.2.2 No more than 10,000 metric tonnes of waste shall be stored respectively in the areas referred to condition 6.2.1 above at any one time.
- 6.2.3 No waste shall be stored to a height exceeding 5 metres.
- 6.3 All pressurised gas containers shall be stored in a secure designated area or building when the facility is unattended.
- 6.4 Waste materials including those segregated for resale or re-use, shall be loaded, unloaded, sorted and stored only in the areas designated on the working plan.
- 6.5 Where components contain liquids they shall be stored in such a manner as to prevent spillage or leakage.
- 6.6 Liquid storage tanks other than for water shall be located within a bund having a capacity of not less than 110% of the total capacity of all the tanks. The floor and walls of the bund shall be impervious to the contents of the tanks. Inlet/outlet/vent pipes and gauges must be within the bunded area.
- 6.7 Metal swarf shall be stored in dedicated containers or in an area that is sealed, bunded and drained in accordance with the working plan.



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7.0 DESIGN AND CONSTRUCTION

- 7.1 Gates and chain-link or solid fencing at least 2.0 metres high shall be provided and maintained around the entire boundary of the facility as shown on drawing Reg. No. LWRA/316552, holder's drawing No.ABC/GAD/1 dated May 1991.
- 7.2 The facility shall be secured at all times when unattended.
- 7.3 In the areas used for waste handling and storage any waste bay shall be of sufficiently robust construction to withstand pressure from stored waste and impact by loading shovel.
- 7.4 The ground surface of the facility including the waste handling and storage areas and all internal roadways shall be properly constructed concrete hardstanding, unless agreed to the contrary by the LWRA, and this shall be properly maintained and drained in accordance with the working plan.
- 7.5 The work required to be undertaken in accordance with the working plan shall be completed within one year of the date of issue of this licence.



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WASTE DISPOSAL LICENCE

8.0 PUBLIC HEALTH

- 8.1 No waste shall be burnt at the facility and emergency provisions shall be made to allow for the discharge of loads found to be on fire or in an otherwise dangerous condition.
- 8.2 If a load is found to be on fire the Fire Brigade shall be informed immediately.
- 8.3 The holder shall notify the LWRA immediately of any outbreak of fire using the Authority's emergency telephone number and the details shall be confirmed in writing within 48 hours.
- 8.4 Persons employed at the facility shall be instructed in the procedure to be adopted in case of fire, including evacuation and fire-fighting.
- 8.5 Instructions for dealing with fires as supplied by the Fire Brigade shall be displayed where all persons employed at the facility can readily read them.
- 8.6 These instructions shall be framed and glazed or otherwise protected to avoid defacement.
- 8.7 Water supplies for fire-fighting purposes and portable fire-fighting equipment shall be available and maintained as recommended by the Fire Brigade.
- 8.8 Water supplies shall be suitably protected against freezing.
- 8.9 Adequate access to the facility for Fire Brigade vehicles shall be provided and maintained at all times.
- 8.10 Regular inspections of the facility shall be made and any infestation or suspected infestation shall be reported immediately to the relevant local authority and/or contractor and any necessary action (such as, but not limited to, insecticide treatment and rodent, insect or bird deterrent measures) taken to eliminate such infestation.
- 8.11 If operations at the facility are undertaken during the hours of darkness or in other conditions of poor light, adequate artificial lighting shall be provided and used to cover all operating areas of the facility.
- 8.12 No pedestrians shall be allowed within the vicinity of the tipping or loading areas whilst any machine or vehicle is operating. Notices to this effect and to the satisfaction of the LWRA shall be displayed where they can be easily seen.



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9.0 ENVIRONMENTAL POLLUTION

- 9.1 The activities to which this licence relates shall not be so carried on as to cause pollution of water or danger to public health or become seriously detrimental to the amenities of the locality affected by the activities.
- 9.2.1 No discharge arising from operations on the facility shall be made or allowed to take place either directly or indirectly to any river, stream, watercourse, underground water or sewer except those which are consented to or approved by the National Rivers Authority and/or relevant water company. A copy of any such consent or approval shall be sent by the holder to the LWRA.
- 9.2.2 Where such consent includes a requirement for safeguarding works, such works shall be carried out to the satisfaction of the LWRA, National Rivers Authority and/or relevant water company.
- 9.3 An effective dust suppression system shall be installed and used during all waste handling activities, including loading and unloading.
- 9.4 Suitable measures shall be undertaken to limit the noise and vibration caused by machinery and vehicles operating at the facility (including their proper maintenance and use) which may be detrimental to local amenities.
- 9.5 Effective measures shall be taken to:
- (a) Prevent litter from being blown from the facility to anywhere outside the facility.
 - (b) Ensure that the facility, including its boundaries, is kept clear of litter and other rubbish irrespective of its source.
- 9.6 Wheel cleaning equipment located in the position shown on drawing Reg. No. LWRA/316552, holder's drawing No. ABC/GAD/1 dated May 1991, shall be provided, properly maintained and used whenever necessary.
- 9.7 The holder must ensure that vehicles leaving the facility do not cause the deposit of any liquid, mud or other debris on the loading area, or the internal and external roadways.



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10.0 RECORD KEEPING

10.1.1 A record shall be kept of all controlled waste deposited and removed from the facility. The information shall include:

- (a) The origin;
- (b) The date of delivery;
- (c) Types and quantities;
- (d) The date removal took place;
- (e) The quantities of waste removed;
- (f) The ultimate destination of such waste.

10.1.2 A weekly summary of the foregoing records shall be made using the approved form and shall be submitted monthly to the LWRA, to be received not later than the fifth working day of the following month.

10.2 Records shall be kept of the dates of inspections and treatments used in respect of condition 8.10.

10.3 The date and time of any breakdown of any waste handling equipment shall be recorded and the record signed by the facility manager.

10.4 All such records shall be made available on request to the LWRA and to any officer of the LWRA authorised in writing to enter the facility in accordance with section 91 of the Control of Pollution Act 1974.

10.5 The holder shall notify the LWRA in writing within 14 days of any change of address. If the holder is an individual or partnership the address to be notified is the residential address. If the holder is a company the addresses to be notified are the registered address and the residential addresses of the director(s) and secretary.

11.0 GENERAL CONDITIONS

11.1 No controlled waste shall be deposited at the facility and no plant or equipment shall be used for the purpose of disposing of controlled waste unless, at the time of such deposit or use, each of the obligations imposed by the conditions set out elsewhere in this licence has been satisfied.



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DEFINITIONS

"Burning" does not include the cutting of materials by gas-powered torches or similar devices.

"Hours of darkness" means the time between half an hour after sunset and half an hour before sunrise.

Notwithstanding the above, words and phrases in this licence have the meaning ascribed to them by the Control of Pollution Act 1974 and its associated legislation, unless the context requires otherwise.



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WASTE DISPOSAL LICENCE

WASTE CATEGORY B(ii) : GENERAL WASTE THAT IS SCRAP METAL

Scrap metal waste, in solid, sheet or tube form and which will oxidise only slowly, and is only slightly soluble in water.

Scrap metal waste, comprising of manufactured items (which may or may not be made up of both ferrous and non-ferrous metals and non-metallic parts), swarfs, metal powders, granules or dusts, metal oxides as listed below, which will oxidise only slowly, and is only slightly soluble in water.

Ferrous metal in solid, sheet, strip, tube form, swarf, dusts and particulate scrap.

Non-ferrous metal in solid, sheet, strip, or tube form e.g. aluminium, brass, copper, tin, zinc, lead and their alloys.

Heavy industrial machinery.

Decontaminated empty metal containers.

Cars/Car bodies.

Lorries/Lorry bodies.

Other vehicles/vehicle bodies.

Engines/gearboxes/axle assemblies, etc.

Domestic appliances.

Light industrial machinery.

Railway carriages and wagons.

Computers and other electronic equipment.

Decontaminated transformers.

Industrial and commercial process plant and equipment.

Office furniture and equipment.

Fragmentised metal scrap (ferrous or non-ferrous).

Light ferrous metal.

Light non-ferrous metal.

Unsorted metal scrap.

Ferrous and non-ferrous metal turnings, swarf, granules, dusts or powders.

EXCLUSIONS

Wastes mixed or contaminated with hazardous amounts of any noxious, poisonous or polluting substances.

Sludges or liquids.



CONTROL OF POLLUTION ACT 1974

WASTE DISPOSAL LICENCE

WASTE CATEGORY Q: LIQUID SPECIAL WASTES

As defined in the Control of Pollution (Special Waste) Regulations 1980 (S.I. 1980 No. 1709) made pursuant to Section 17 of the Control of Pollution Act 1974 and given below.

Lead/Acid Batteries

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Veolia ES Landfill Limited

Springfield Farm Landfill
Broad Lane
Beaconsfield
Buckinghamshire
HP9 1XD

Variation application number
EPR/WP3438KV/V003

Permit number
EPR/WP3438KV

Springfield Farm Landfill

Permit number EPR/WP3438KV

Introductory note

This introductory note does not form a part of the notice.

The following gives notice of the variation and consolidation of your environmental permit. We have issued this variation to consolidate the original permit and subsequent variations and to update some of the conditions following a statutory review of permits in the landfill sector. We have also converted the permit into the current EPR Permit format.

This Environment Agency has a duty, under the Environmental Permitting (England and Wales) Regulations 2010, regulation 34(1), to periodically review permits. As a result of that review we have identified a number of necessary changes we must make to your permit to reflect current legislation and best practice. These changes principally relate to:

- Standard condition for landfill gas management at landfills that accept biodegradable waste;
- A change to the hydrogeological risk assessment condition so that reviews are undertaken every 6 years rather than every 4 years;
- Standard leachate and groundwater quality monitoring table (schedule 3); and
- A standard reporting table (schedule 4).

The variation also removes compliance limits for carbon dioxide for the monitoring of landfill gas in external boreholes following an application from the Operator.

Schedule 1 to this notice summarises the changes we have made to this permit.

The status log sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application received	08/11/04	
Response to request for additional information dated 18/04/2005	31/05/2005	
Permit determined EPR/UP3935SS	09/11/2005	.
Variation EPR/UP3935SS/V002 Determined	21/05/2008	
Application	Duly Made	Full transfer of permit to Veolia ES

Status log of the permit		
EPR/WP3438KV/T001	18/08/2009	Landfill Limited
Transfer	19/03/2010	
EPR/WP3438KV/T001 determined		
Variation EPR/WP3438KV/V002	30/05/2013	Agency variation to implement the changes introduced by Industrial Emissions Directive
Variation Application EPR/WP3438KV/V003 and Landfill Sector Review 2013	Received 16/05/2014	
Variation EPR/WP3438KV/V003 determined		Varied and consolidated permit issued in modern format

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

permit number
EPR/WP3438KV

issued to
Veolia ES Landfill Limited ("the operator")

whose registered office is

210 Pentonville Road
London
N1 9JY

company registration number **00997695**

to operate a regulated facility at

Springfield Farm Landfill
Broad Lane
Beaconsfield
Buckinghamshire
HP9 1XD

to the extent set out in the schedules.

The notice shall take effect from 25/06/2014

Name

Date

Anne Nightingale

25/06/2014

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation. The following table summarises those changes.

Condition	Description of change
1.5	Generic condition to reflect the requirements of the Waste Framework Directive
2.7.1(a)	Added reference to a specific table to clarify what wastes are permitted by which permitted activity.
2.10	Revised gas management condition imposed for all landfills that accept biodegradable waste
3.1.1	Generic condition imposed on all activities to simplify sub-conditions
3.1.4 & 3.1.5	Revised conditions to reflect the terminology used by the Groundwater Directive for 'hazardous substances' and to require hydrogeological risk assessment reviews are submitted every 6 years rather than every 4 years.
	Sub-condition that referred to emission of 'non-hazardous pollutants' deleted. Such emissions are regulated by condition 3.2
	Two sub-conditions that referred to limits in specific tables in schedule 3 deleted as they are now covered by 3.1.1.
3.6	Revised generic pests condition imposed on all activities
4.2.2	Amended to ensure that information on 'annual production/ treatment' (Schedule 4, Table S4.2) is provided in February each year where annual reports may be submitted at other times of the year.
4.2.2(a)	Text expanded to clarify the details we require in an annual report
4.2.2(h)	New condition requiring annual submission of a plan of monitoring and extraction locations with reference to monitoring tables in schedule 3
4.3.1	Generic notifications condition added
Schedules	
Table S1.1	Amended description of the landfill activity to clarify that this includes restoration. Activity references amended to reflect changes introduced by Industrial Emissions Directive (2010/75/EU).
Schedule 2	Standard list of waste added.
Schedule 3	Monitoring and compliance tables have been re-ordered so that those with compliance limits appear first. Standard monitoring frequency and parameters have been included for certain routine monitoring requirements. Compliance limits for carbon dioxide have been removed from table S3.4.
Table S4.1	Amended to only require regular reports of information that relate to compliance limits.
Table S4.2	Additional details of landfill gas extracted required to improve climate change data quality.
Table S4.3	Amended to include natural gas as an energy source for consistency with other sectors.
Schedule 6	Definitions added to clarify meaning of: • Inert waste • Exceeded • Hazardous substance • Medicinal product • Previous year

	• Waste acceptance criteria • Waste acceptance procedure
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Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/WP3438KV

This is the consolidated permit referred to in the variation and consolidation notice for application **EPR/WP3438KV/V003** authorising,

Veolia ES landfill Limited ("the operator"),
whose registered office is

210 Pentonville Road
London
N1 9JY

company registration number **00997695**

to operate an installation at

Springfield Farm Landfill
Broad Lane
Beaconsfield
Buckinghamshire
HP9 1XD

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

Name	Date
Anne Nightingale	25/06/2014

Authorised on behalf of the Environment Agency

1. Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Finance

- 1.2.1 The financial provision for meeting the obligations under this permit set out in the agreement made between the Operator and the Agency dated 19 March 2010 shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by the Environment Agency.
- 1.2.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover all of the following:
- (a) the costs of setting up and operating the landfill;
 - (b) as far as possible, the costs of the financial provision required by condition 1.2.1; and
 - (c) the estimated costs for the closure and aftercare of the landfill.

1.3 Energy efficiency

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

1.4 Efficient use of raw materials

- 1.4.1 The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;

- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

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

1.5.1 The operator shall:

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

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

- 2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ('plan') specified in schedule 1, table S1.2 or otherwise required under this permit, which identifies and minimises the risks of pollution relevant to that plan and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.5 Pre-operational conditions

- 2.5.2 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

2.6 Landfill Engineering

- 2.6.1 No construction of any new cell of the landfill shall commence until the operator has submitted construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.
- 2.6.2 Where the operator proposes to construct any new cell other than the first cell, but proposes no change from the design of the most recently approved cell which could have any impact on the performance of any element of the design, no construction of the new cell shall commence until the operator has submitted a cell layout drawing and the Environment Agency has confirmed that it is satisfied with the cell layout drawing.
- 2.6.3 The construction of a new cell shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or
 - (b) a change has otherwise been agreed in writing by the Environment Agency.
- 2.6.4 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and the Environment Agency has confirmed that it is satisfied with the CQA Validation Report.
- 2.6.5 No construction of landfill infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals.
- 2.6.6 The construction of the landfill infrastructure shall take place only in accordance with the approved construction proposals unless:
- (a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or
 - (b) a change has otherwise been agreed in writing by the Environment Agency.
- 2.6.7 The operator shall submit a CQA Validation Report as soon as practicable following the construction of the relevant landfill infrastructure.

- 2.6.8 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.6.5 and 2.6.6 do not apply and the relevant landfill infrastructure may be constructed, provided that the construction proposals are submitted to the Environment Agency as soon as practicable.
- 2.6.9 For the purposes of conditions 2.6.1, 2.6.2, 2.6.4 and 2.6.5, the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:
- (a) confirmed whether or not it is satisfied; or
 - (b) informed the operator that it requires further information.
- 2.6.10 Where the Environment Agency has required further information under condition 2.6.9(b), the Environment Agency shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the further information, either:
- (a) confirmed whether or not it is satisfied; or
 - (b) informed the operator that it requires further information.

2.7 Waste acceptance

- 2.7.1 Wastes shall only be accepted for disposal if:
- (a) they are listed in schedule 2, table S2.1, and
 - (b) they are non-hazardous waste, and
 - (c) they are not whole used tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400mm), and
 - (d) they are not shredded used tyres, and
 - (e) they are not liquid waste including waste waters but excluding sludge, and
 - (f) they are not chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown, and
 - (g) all the relevant waste acceptance procedures have been completed, and
 - (h) they fulfil the relevant waste acceptance criteria, and
 - (i) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and
 - (j) they are wastes which have been treated, except for: inert wastes for which treatment is not technically feasible; or waste other than inert waste and treatment would not reduce its quantity or the hazards which it poses to human health or the environment, [or liquid waste accepted for treatment at a permitted leachate treatment activity], and
 - (k) they are wastes with a code beginning with 07 05 and 16 03, but excluding waste medicinal products and pharmaceutically active waste materials arising from their manufacture.
- 2.7.2 Wastes shall only be accepted for restoration where:
- (a) they are listed in schedule 2, table S2.2 and
 - (b) they are accepted in accordance with a restoration plan approved in writing by the Environment Agency.

- 2.7.3 The operator shall visually inspect:
- (a) without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill; and
 - (b) waste at the point of deposit;
- and shall satisfy itself that it conforms to the basic characterisation documentation submitted by the holder.
- 2.7.4 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.
- 2.7.5 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.
- 2.7.6 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing [ESID4].
- 2.7.7 The quantity of waste that is deposited in the landfill in any year shall not exceed the limits in schedule 1 table S1.5.
- 2.7.8 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of municipal waste and multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.

2.8 Leachate levels

- 2.8.1 The limits for the level of leachate listed in schedule 3 table S3.1 shall not be exceeded.

2.9 Closure and aftercare

- 2.9.1 The operator shall maintain a closure and aftercare management plan.

2.10 Landfill gas management

- 2.10.1 The operator shall take appropriate measures, including, but not limited to, those specified in any approved landfill gas management plan, to:
- (a) collect landfill gas; and
 - (b) control the migration of landfill gas.
- 2.10.2 The operator shall use the collected landfill gas to produce energy. If the collected landfill gas cannot be used to produce energy, the operator shall use appropriate measures to flare or treat the gas in accordance with an approved landfill gas management plan.
- 2.10.3 The operator shall:
- (b) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a revised landfill gas management plan;

- (b) implement the revised landfill gas management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1. The limits in schedule 3 shall not be exceeded.
- 3.1.2 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.2.
- 3.1.3 Compliance with an emission limit in table S3.2 shall include incorporation of the uncertainty allowance stated in Environment Agency guidance LFTGN 05 and LFTGN 08.
- 3.1.4 The operator shall prevent the input of any hazardous substances from the activities into groundwater.
- 3.1.5 The operator shall submit to the Environment Agency a review of the Hydrogeological Risk Assessment:
 - (a) between nine and six months prior to the fourth anniversary of the granting of the permit, and
 - (b) between nine and six months prior to every subsequent six years after the fourth anniversary of the granting of the permit.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring and any other actions specified in the following tables in schedule 3 to this permit:
- (a) Leachate specified in tables S3.1 and S3.8;
 - (b) Point source emissions specified in tables S3.2;
 - (c) Groundwater specified in tables S3.3 and S3.6; and
 - (d) Landfill gas specified in tables S3.4, S3.5 and S3.7.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 A topographical survey of the site referenced to ordnance datum shall be carried out:
- (a) annually, and
 - (b) prior to the disposal of waste in any new cell or new development area of the landfill, and
 - (c) following closure of the landfill or part of the landfill.

The topographical survey shall be used to produce a plan of a scale adequate to show the surveyed features of the site.

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - i. the results of groundwater monitoring;
 - ii. sub-surface landfill gas monitoring;
 - iii. leachate levels, quality and quantities;
 - iv. landfill gas generation and collection;
 - v. waste types and quantities;
 - vi. the specification and as built drawings of the basal, sidewall and capping engineering systems.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year ('the annual report') shall be submitted to the Environment Agency by 31st January each year or such other date as may be agreed in writing by the Agency, with the exception of 4.2.2(c) that must be provided by the end of February each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto. The review will include written descriptions of the improvements made to operational performance during the year, action plans developed and planned improvements for the coming year;
- (b) the energy consumed at the site, reported in the format set out in schedule 4 table S4.3

- (c) the annual production/ treatment set out in schedule 4 table S4.2;
 - (d) the topographical surveys required by condition 3.5.3 other than those submitted as part of a CQA validation report;
 - (e) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;
 - (f) an assessment of the settlement behavior of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;
 - (g) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;
 - (h) a plan(s) ('the monitoring and extraction point plan - MEPP') showing the locations of leachate and landfill gas extraction and all monitoring points.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) using the forms specified in schedule 4 table S4.4 or other reporting format as agreed in writing with the Environment Agency; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 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.
- 4.2.5 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately;
- (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- 4.3.4 In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 Activities

Activity reference	WFD Annex I and II operations (where applicable)	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
A1	D5 –Specially engineered landfill R10 – Land treatment resulting in benefit to agriculture or ecology	Section 5.2 Part A (1) (a) The disposal of waste in a landfill.	Landfill for non-hazardous waste and landfill restoration	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in conditions 2.7, as an integral part of landfilling.

Directly Associated Activities

A2	R1 – use principally as a fuel to generate energy		Pre-treatment and utilisation of landfill gas for energy recovery in an appliance with a rated thermal input < 50MW	Treatment of landfill gas arising from the landfill in gas engine(s) as shown on drawing SPR/EMP/0372
A3	N/A		Re-circulation, temporary storage of waste and tankering off-site.	Leachate arising from the landfill.
A4	N/A		Flaring of landfill gas for disposal in an appliance.	Landfill gas arising from the landfill.
A5	N/A		Discharges of site drainage from the installation via soakaway.	From surface water management system to soakaway.
A6	N/A		Storage of fuel for operation of plant and equipment.	From the fuel and/or oil storage tank or bowser to point of discharge.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to questions 2.1, 2.2, 2.3, 2.4, 2.5 and 2.11 in part B of the application form excluding 2.2.33, 2.2.34, 2.2.38 and 2.2.53	08/11/04
Letter from SLR Consulting	Letter regarding CQA plan phase 2b	01/07/05
Information submitted in accordance with Improvement condition 1 in the original permit (issued 09/11/2005) Ref 401.0156.0008	Surface water management plan	May 2006

Table S1.2 Operating techniques

Description	Parts	Date Received
Submission in response to improvement condition 2	Details in relation to the Gas Utilisation Plant	31/03/2006
Submission in response to improvement condition 2	All details in relation to the review of gas monitoring locations	18/05/2005
Submission in response to improvement condition 5 –	All of report entitled “Walkover Survey & Flux Box Monitoring Proposals”	06/11/2006
Submission in response to improvement condition 5 5	Report entitled “Landfill gas surface emission monitoring stage 2 Flux box survey”	November 2006
Letter from SLR Consulting	CQA Plan for phases 2c and 2d	07/06/2007
Method Statement	Leachate drainage system geotextile separator	March 2008
Letter from SLR Consulting	Further information in relation to CQA Plan phase 2d	10/04/2008
Entec report ‘Gas Collection Efficiency’ dated 30/09/2008	All	October 2008
Landfill Gas Generic CQA Plan (Ver 3) dated August 2011	All	August 2011
Odour management and monitoring plan	All	07/04/09
Springfield Farm Landfill Gas Management and Monitoring plan Version 1.2 Sept 2013	All	September 2013

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	The Operator shall submit to the Environment Agency for approval details of the waste types, quantities and acceptance criteria for wastes that are and will be accepted on site for the purpose of landfill restoration.	3 months from variation issue.

Table S1.4 Pre-operational measures for future development

Reference	Operation	Pre-operational Measures
1	Prior to the construction of any new cell	A basal investigation shall be undertaken to examine the suitability of the subgrade. This investigation shall identify the location of any solution features at formation level and any other discontinuities in the chalk matrix that have the potential to cause failures in the lining system integrity. Using geotechnical or geophysical methods, this investigation must identify all areas that are of low compaction and could settle, or are of low strength. It should also consider areas which could provide a direct pathway for discharge to groundwater. The findings of the investigation shall be compiled into a report and submitted to the Agency prior to the commencement of the remediation works. The report shall recommend treatment of these areas using methods that have been agreed with the Agency prior to the investigation. Any areas that are not to be treated but, in the view of the Agency, are of uncertain properties must be justified in the report. The Agency shall be deemed to be satisfied where it has not, within the period of 4 weeks from the date of receipt of the report, either: - confirmed whether or not it is satisfied; or - informed the operator that it requires further information.

Table S1.5 Annual waste input limits

Category	Limit Tonnes/ Year
Non- hazardous waste	624,000
Inert waste	624,000
Waste for restoration	As agreed in accordance with IC1 in Table S1.3
Total waste input shall not exceed	624,000

Schedule 2 – List of permitted wastes

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
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 08	dusty and powdery wastes other than those mentioned in 01 03 07
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 10	dusty and powdery wastes other than those mentioned in 01 04 07
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
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
02 03 03	wastes from solvent extraction
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	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
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 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 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 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
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 09	lime mud waste
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 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 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 04	waste from cooling columns
05 07	wastes from natural gas purification and transportation
05 07 02	wastes containing sulphur
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 03	wastes from the MFSU of salts and metallic oxides
06 03 14	solid salts other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02
06 09	wastes from the MFSU 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
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 03	carbon black
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	wastes containing silicones other than those mentioned in 07 02 16
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
07 05	wastes from the MFSU of pharmaceuticals
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 05 14	solid wastes other than those mentioned in 07 05 13
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
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)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
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
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 04	other particulates and dust
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
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
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
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 12 13	sludge from on-site effluent treatment
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 06	particulates and dust (except 10 13 12 and 10 13 13)
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

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 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 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
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 – only bicycle tyres and tyres with an outside diameter of more than 1400mm (in accordance with condition 2.7.1 c)

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
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 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 08	spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
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
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 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)
18 01 07	chemicals other than those mentioned in 18 01 06
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	chemicals other than those mentioned in 18 02 05
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 03	stabilised/solidified wastes ¹
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost

¹ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
19 06	wastes from anaerobic treatment of waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	sludges from regeneration of ion exchangers
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
19 11	wastes from oil regeneration
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste

Waste code	Description
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
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 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 07	bulky waste

Table S2.2 Permitted waste types accepted for restoration

Waste code	Description
As agreed in accordance with IC1 in Table S1.3	

Schedule 3 – Emissions and monitoring

Table S3.1 Leachate level limits and monitoring requirements

Monitoring point reference/ Description	Limit	Monitoring frequency	Monitoring standard and method
Operational Cells or Phases (Any cell or phases that do not have an engineered cap agreed in accordance with condition 2.6)			
Leachate compliance points	1 m above cell base	Monthly	As specified in Environment Agency Guidance TGN02 (February 2003) or such other subsequent guidance as may be agreed in writing with the Environment Agency. Or otherwise agreed with the Agency as part of a leachate monitoring plan.
Non Operational Cells or Phases (Any cells or phases that have an engineered cap agreed in accordance with condition 2.6)			
Leachate compliance points	1 m above cell base	Quarterly	As specified in Environment Agency Guidance TGN02 (February 2003) or such other subsequent guidance as may be agreed in writing with the Environment Agency. Or otherwise agreed with the Agency as part of a leachate monitoring plan.

Table S3.2 Point source emissions to air – emission limits and monitoring requirements

Emission point Ref. & Location	Parameter	Source	Limit (including unit)		Reference Period	Monitoring Frequency	Monitoring Standard or Method
			Engines commissioned before 31 st Dec 2005	Engines commissioned after 31 st Dec 2005			
Gas engine(s) as shown on drawing	Oxides of Nitrogen	Gas utilisation plant	650 mg/m ³	500 mg/m ³	Hourly mean	Annually	As per M2 (version 9, Jan 2013) or such other subsequent guidance as may be agreed in writing with the Environment Agency.

Table S3.2 Point source emissions to air – emission limits and monitoring requirements

Emission point Ref. & Location	Parameter	Source	Limit (including unit)		Reference Period	Monitoring Frequency	Monitoring Standard or Method
			Engines commissioned before 31 st Dec 2005	Engines commissioned after 31 st Dec 2005			
SPR/EMP/0372.	Carbon monoxide		1500 mg/m ³	1400 mg/m ³			
	Total Volatile Organic Compounds		1750 mg/m ³	1000 mg/m ³			
Gas flare(s) as shown on drawing SPR/EMP/0372.	Oxides of Nitrogen	Landfill Gas	150 mg/m ³	150 mg/m ³	Hourly mean	Annually	As per M2 (version 9, Jan 2013) or such other subsequent guidance as may be agreed in writing with the Environment Agency. Monitoring is unnecessary where the flare is active for <10% of the year.
	Carbon monoxide	Flares	100 mg/m ³	50 mg/m ³			
	Total Volatile Organic Compounds		10 mg/m ³	10 mg/m ³			

Table S3.3 Groundwater – emission limits and monitoring requirements

Monitoring point reference	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SFGW30, SFGW33, SFGW34, SFGW35 as detailed on drawing no.SPR/EMP/0372	Cadmium	0.0001 mg/l	Spot Sample	Monthly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (Feb 2003), Horizontal guidance Note H1 – Environmental Risk Assessments for permits, Annex J, version 2, April 2010) or such other subsequent guidance as may be agreed in writing with the Environment Agency.
	Ammonium	0.5 mg/l			
	Chloride	150 mg/l			
	Chromium	0.03 mg/l			

Table S3.4 Landfill gas in external monitoring boreholes – limits and monitoring requirements

Monitoring point Ref. /description	Parameter	Limit (including units)*	Monitoring frequency	Monitoring standard or method
SPRG 0011	Methane	1 %v/v	Monthly	As per LFTGN03 (Sept 2004) or such other subsequent guidance as may be agreed in writing with the Environment Agency.
SPRG 0012	Oxygen	no limit		
SPRG 0014	Atmospheric	no limit		
SPRG 0025	pressure			
SPRG 0026	Differential	no limit		
SPRG 0027	Pressure			
SPRG 0036	Carbon Dioxide	No limit		
to SPRG 0049 inclusive				
New or replacement boreholes	To be agreed with the Agency	To be agreed with the Agency		Record whether the ground is: • waterlogged • frozen • snow covered
* - The limits specified take account of the agreed background concentrations				

Table S3.5 Landfill gas emissions from capped surfaces – monitoring requirements

Monitoring point Ref. /description	Parameter	Monitoring frequency	Monitoring Standard or method
Permanently capped zone	Methane concentration	Every 12 months	As per LFTGN 07 (v2 2011) or such other subsequent guidance as may be agreed in writing with the Environment Agency.
Temporarily capped zone	Methane concentration	Every 12 months	
Whole site	Total methane emission	As agreed with the Environment Agency	
Uncapped areas	Methane concentration	Every 12 months	As agreed with the Environment Agency based on the wording of revised LFTGN 07 or landfill sector guidance or such other subsequent guidance as may be agreed in writing with the Environment Agency.

Table S3.6 Groundwater – other monitoring requirements			
Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method
Up gradient MEPP	Water level, electrical conductivity, chloride, ammoniacal nitrogen, pH,	Quarterly	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003) and Horizontal Guidance Note H1 – Environmental Risk Assessment for permits, Annex J, version 2, April 2010, or such other subsequent guidance as may be agreed in writing with the Environment Agency.
	total alkalinity, magnesium, potassium, total sulphates, calcium, sodium, chromium, copper, iron, lead, nickel, zinc, manganese	Annually	
	Hazardous substances	Annually for first six years of operation	
Down or cross gradient MEPP	Water level, electrical conductivity, chloride, ammoniacal nitrogen, pH,	Quarterly	As specified in Appendix 6 of Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (February 2003) and Horizontal Guidance Note H1 – Environmental Risk Assessment for permits, Annex J, version 2, April 2010 or such other subsequent guidance as may be agreed in writing with the Environment Agency. After the initial 6 year monitoring period for hazardous substances, if the results of quarterly or annual monitoring suggest an increase in contamination, the operator shall also undertake a full leachate hazardous substances screen.
	total alkalinity, magnesium, potassium, total sulphates, calcium, sodium, chromium, copper, iron, lead, nickel, zinc, manganese	Annually	
	Hazardous substances detected in leachate	Annually for first six years of operation then every two years	
MEPP	Base of monitoring point (mAoD)	Annually	

Table S3.7 Landfill gas – other monitoring requirements

Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
In waste gas monitoring boreholes or sealed leachate wells or sacrificial gas extraction system	Methane Carbon Dioxide Oxygen Carbon Monoxide Differential pressure Atmospheric pressure	As per LFTGN03 (Sept 2004) or such other subsequent guidance as may be agreed in writing with the Environment Agency.	Calibrated handheld monitoring instrument	Gas extraction system shall be installed and extraction commenced once monitoring shows onset of methane production in waste.
	Hydrogen sulphide	Quarterly	Calibrated handheld monitoring instrument or Tedlar Bag sample in accordance with LFTGN04 or other such subsequent guidance as may be agreed in writing with the Environment Agency or a method agreed with the Environment Agency	Concentrations of hydrogen sulphide shall be assessed in accordance with the odour management plan
Landfill gas collection system at well control valve and manifolds on gas system	Methane Carbon Dioxide Oxygen Carbon Monoxide Atmospheric pressure Gas flow rate or suction % Balance Gas (calculated as the difference between the sum of measured gases and 100%)	At frequencies specified in table 5.4 of LFTGN 03 (Sept 2004) or such other subsequent guidance as may be agreed in writing with the Environment Agency	Calibrated handheld monitoring instrument	Where the oxygen concentration exceeds 5% or the % balance gas is greater than 20% an assessment of air ingress into the system shall be undertaken. Where the concentration of carbon monoxide exceeds 100ppm then further investigation shall be undertaken. Record the ambient air temperature and whether the ground is: • water logged • frozen • snow covered

Table S3.7 Landfill gas – other monitoring requirements

Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Gas collection system at well control valve	Hydrogen Sulphide	Six monthly	Calibrated handheld monitoring instrument or Tedlar Bag sample in accordance with LFTGN04 or other such subsequent guidance as may be agreed in writing with the Environment Agency or a method agreed with the Environment Agency	
Input to flare or LFG Utilisation Compound	Trace gas	Annually	Trace gas analysis in accordance with LFTGN04 (version 2 March 2011) or such other subsequent guidance as may be agreed in writing with the Environment Agency [or trace a trace gas characterisation method agreed with the Environment Agency]	The concentration of trace gas components shall be assessed against the assumptions made in the Landfill gas risk assessment and dispersion modelling.
Input to flare or LFG Utilisation Compound	Methane Carbon Dioxide Oxygen Gas flow rate Suction % Balance Gas (calculated as the difference between the sum of measured gases and 100%)	Weekly		Where the oxygen concentration exceeds 5% or the % balance gas is greater than 20% an assessment of air ingress into the system shall be undertaken.

Table S3.7 Landfill gas – other monitoring requirements

Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Gas flare(s) as shown on drawing SPR/EMP/0372.	Temperature	As per LFTGN05 (version 2 March 2011) or such other subsequent guidance as may be agreed in writing with the Environment Agency.	As per M2 (version 9 Jan 2013) or such other subsequent guidance as may be agreed in writing with the Environment Agency.	
Gas engine(s) as shown on drawing SPR/EMP/0372.	Oxides of Nitrogen and Carbon monoxide.	Quarterly	In accordance with Appendix C of LFTGN08, version 2: 2010 or such other subsequent guidance as may be agreed in writing with the Environment Agency.	Where monitoring using hand-held, electrochemical equipment indicates an exceedance of the emissions standards specified in Table S3.2 these shall be used as action levels and the operator shall investigate the cause and take appropriate measures to reduce emissions to below the relevant emission standard.

Table S3.8 Leachate – other monitoring requirements

Monitoring point reference or description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Operational Cells or Phases (Any cell or phases that do not have an engineered cap agreed in accordance with condition 2.6)			At leachate compliance point as listed in table S3.1.	None
MEPP	pH, EC, total alkalinity, ammoniacal nitrogen, Chloride, COD, BOD, cadmium, chromium, copper, lead, nickel, iron arsenic, magnesium, potassium, total sulphates, calcium, sodium, chromium, zinc, manganese	Quarterly	As specified in Environment Agency Guidance TGN02 (February 2003) and Horizontal Guidance Note H1 – Environmental Risk Assessment for permits, Annex J, version 2, April 2010 with one sampling point per cell / phase or such other subsequent guidance as may be agreed in writing with the Environment Agency.	
MEPP	Hazardous substances	Annually		None
MEPP	Depth to base (mAoD)	Annually		None
Non Operational Cells or Phases (Any cell or phases that have an engineered cap agreed in accordance with condition 2.6)				
MEPP	pH, EC, total alkalinity, ammoniacal nitrogen, Chloride, COD, BOD, cadmium, chromium, copper, lead, nickel, iron arsenic, magnesium, potassium, total sulphates, calcium, sodium, chromium, zinc, manganese	Annually		
MEPP	Hazardous substances	Once every four years		None
MEPP	Depth to base (mAoD)	Annually		

Schedule 4 - Reporting

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

Table S4.1 Reporting requirements

Parameter	Reporting period *	Period ends
Leachate level As specified by schedule 3, table S3.1	Every 3 months	31 March, 30 June, 30 September, 31 December
Point source emission to air As specified by schedule 3, table S3.2	Every 12 months	31 December
Emission to groundwater As specified by schedule 3, table S3.3	Every 3 months	31 March, 30 June, 30 September, 31 December
Landfill gas in external monitoring boreholes As specified by schedule 3, table S3.4	Every 3 months	31 March, 30 June, 30 September, 31 December
Emission of landfill gas from capped surfaces As specified by schedule 3, table S3.5	Every 12 months	31 December
Other groundwater monitoring As specified by schedule 3, table S3.6	Every 3 months	31 March, 30 June, 30 September, 31 December
Other Landfill gas monitoring As specified by schedule 3, table S3.7	Every 3 months	31 March, 30 June, 30 September, 31 December
• Trace gas monitoring	Every 12 months	31 December
Other leachate monitoring As specified by schedule 3, table S3.8	Every 12 months	31 December
• Hazardous substances	Every 12 months	31 December
Meteorological data Landfill Directive, annex III, section 2	Every 12 months	31 December

* - where the reporting period is 12 months, you may submit this information as part of the 'annual report' required by condition 4.2.2.

Table S4.2: Annual production/treatment

Leachate:	Cubic metres/year
Disposed of off site;	
Disposed of to any onsite effluent treatment plant;	
Recirculated into the waste mass.	
Landfill gas:	Normalised cubic metres/year
combustion in flares;	
combustion in gas engines;	
Other methods of gas utilisation.	
Average methane content entering the landfill gas utilisation or treatment compound (based on the annual average of Table S3.7 monitoring)	% methane v/v
Methane generation rate (50%ile from a representative model)	m ³ /hr

Table S4.3 Performance Parameters

Parameter	Frequency of assessment	Annual total	Unit
Energy used (including for leachate treatment)	Annually		MWh of electricity or natural gas

Table S4.4 Reporting Forms

Media/parameter	Reporting Format	Date of Form
Leachate	Form leachate 1 or other reporting format to be agreed in writing with the Environment Agency	21/05/2008
Air	Form Air 1 or other reporting format to be agreed in writing with the Environment Agency	21/05/2008
Groundwater	Form Groundwater 1 or other reporting format to be agreed in writing with the Environment Agency	21/05/2008
Landfill gas	Form LFG 1 or other reporting format to be agreed in writing with the Environment Agency	21/05/2008
Particulate matter	Form Particulate 1 or other reporting format to be agreed in writing with the Environment Agency	21/05/2008
Waste Return	Waste Return Form RATS2E	
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with the Environment Agency	

Schedule 5 - Notification

This page outlines the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

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

To be notified within 24 hours of detection

Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

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

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

“Background concentration” means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site; or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge; or
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site.

“Cell layout drawing” means:

(a) A drawing or drawings of the proposed new cell that illustrate(s) in sufficient detail:

- i. the location of the new cell on the site;
- ii. the proposed level (Above Ordnance Datum) of the base of the excavation;
- iii. the proposed finished levels of all containment and leachate drainage layers;
- iv. the positions of leachate management infrastructure; and
- v. the positions of landfill gas infrastructure (if appropriate).

(b) A detailed written explanation of any minor design changes from the most recently approved cell that result from the new cell layout. This would include, for example:

- i. changes to slope length and gradient within the cell;
- ii. new leachate or landfill gas infrastructure construction design;
- iii. slope stability issues such as new basal excavation level; and/or
- iv. depth of waste.

“Construction Proposals” means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the New Cell or Landfill Infrastructure.

“CQA Validation Report” means the final “as built” construction and engineering details of the New Cell or of the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;

- “As-built” plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the New Cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

“*emissions to land*” includes emissions to groundwater.

“*EP Regulations*” means The Environmental Permitting (England and Wales) Regulations 2010, SI 2010 No.675. Words and expressions used in this permit which are also used in those Regulations have the same meanings as in those Regulations.

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

“*exceeded*” means that a value is above a permitted limit, or where a range of values or a minimum value is set as a permitted limit it means a value outside that range or below the minimum value, whichever is applicable.

“*Hazardous substances*” as defined by the Environmental Permitting (England and Wales) Regulations 2010, SI 2010 No.675, schedule 22 and listed in our Hydrogeological risk assessment guidance, annex J to our H1 risk assessment guidance.

“*Landfill Infrastructure*” means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;
- landfill gas monitoring boreholes;
- landfill gas management systems;
- lining within the installation.

within the site.

“*Liquids*” means any liquid other than leachate within the engineered landfill containment system.

“*LFTGN 05*” means Environment Agency Guidance for monitoring enclosed landfill gas flares.

“*LFTGN 07*” means Environment Agency Guidance on monitoring landfill gas surface emissions.

“*LFTGN 08*” means Environment Agency Guidance for monitoring landfill gas engines.

“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.

“inert waste” means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater

“Medicinal product” means any medicine licensed by the Medicines and Healthcare products Regulatory Agency (MHRA) or their predecessors under the Medicines Act 1968, section 130.

“M2” means Environment Agency Guidance Monitoring of stack emissions to air.

“New Cell” means any new cell, part of a cell or other similar new area of the site where waste deposit is to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- barriers;
- liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the New Cell.

“MEPP” Monitoring and extraction point plan, required by condition 4.2.2(h) to specify extraction points and routine monitoring locations.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“No impact” means that the change made to the construction process will not affect the agreed design criteria, specification or performance in a way that has a negative effect.

“Pests” means Birds, Vermin and Insects.

“Previous year” means the 12 month period preceding the month the annual report is submitted in.

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

“Relevant waste acceptance procedures” means the procedure for the acceptance of waste at landfills and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

“Relevant waste acceptance criteria” means the waste acceptance criteria and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

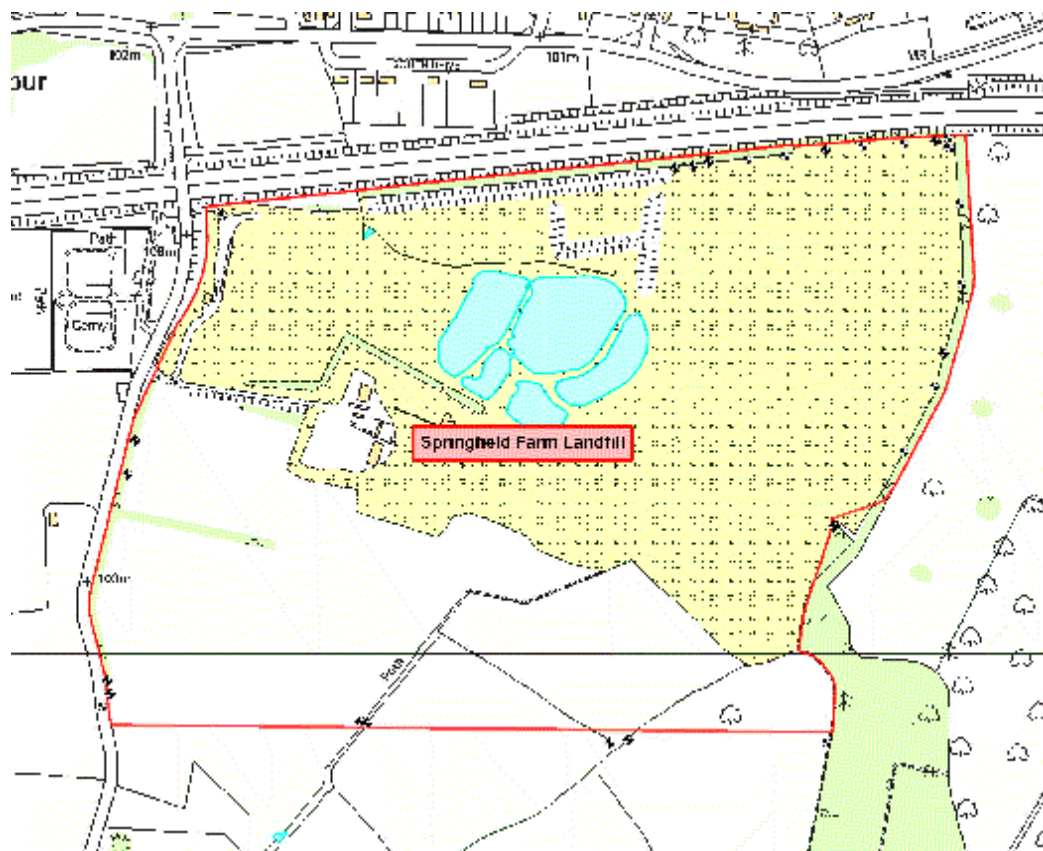
“Review of the Hydrogeological Risk Assessment” means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the EP Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the permit continue to meet the requirements of the EP Regulations.

“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.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

Schedule 7 – Site Plan



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