



Modified Waste Management Site Licence

Licence No: WML 0255/M4

Licence Holder:
Address:

The Irwell Street Metal Company Ltd
Kenyon Street Works
Ramsbottom
Bury

Tel No:

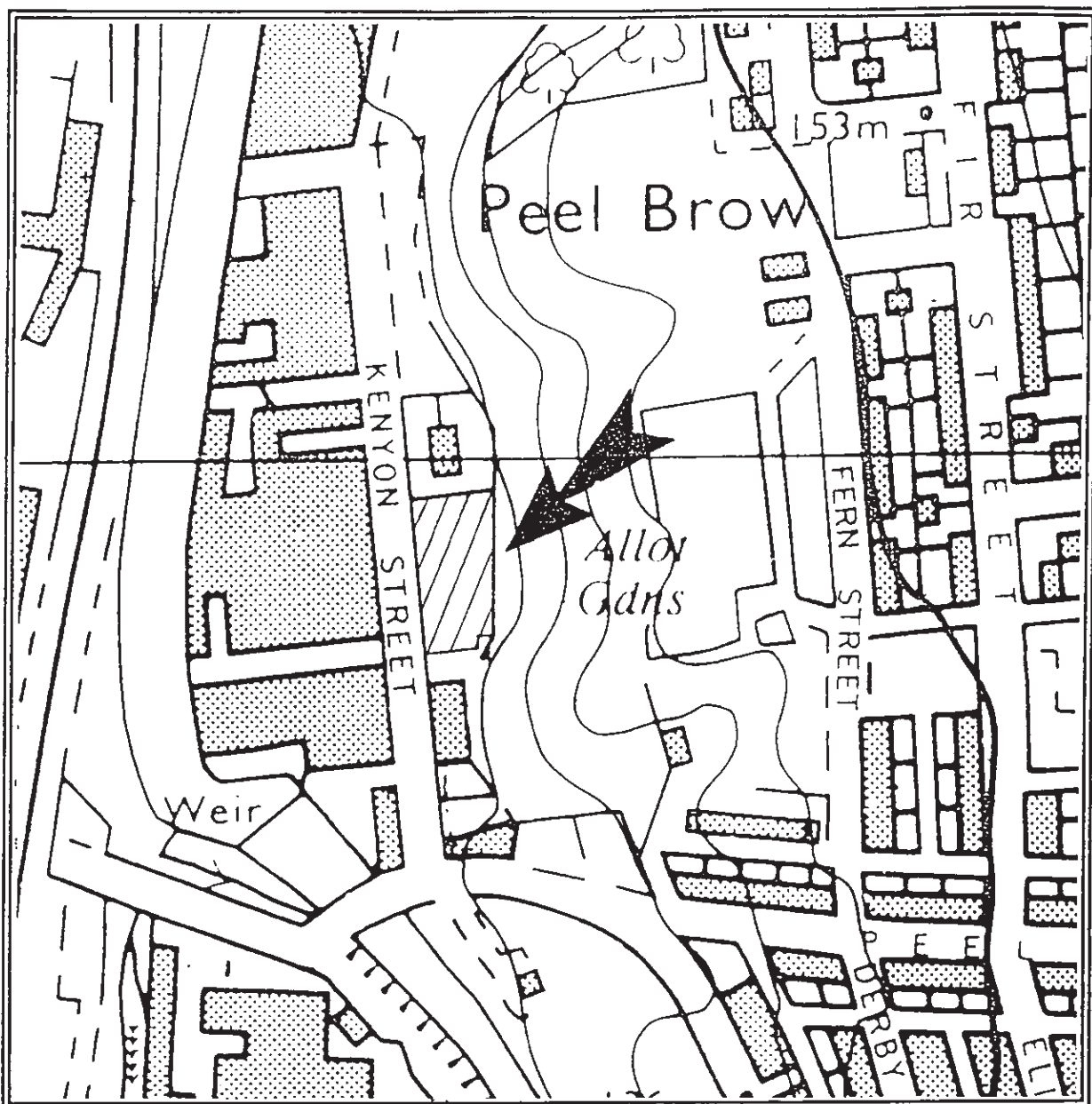
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The Greater Manchester Waste Regulation Authority modifies the conditions of this licence under Section 37 of the Environmental Protection Act 1990 authorising The Irwell Street Metal Company Ltd to treat/keep/dispose of controlled waste namely wastes from Groups 1, 2, 3, 4, and 5 as specified in Annex A of the licence conditions on land at the Kenyon Street Works delineated on the site plan subject to payment of the annual fee defined by the fee code and the conditions, which replace the previous licence conditions.

THE FEE CODE: T1B/a/3/Sb

Modifications to Conditions A4, A6, A7, A10, D1(f), D2(e), I1, I2, I5 (deleted), J1, J3, Annex B and Annex E made under Section 37(a) of the Environmental Protection Act 1990

Modifications to Conditions B1 and Annex A made under Section 37(b) of the Environmental Protection Act 1990



Scale 1:2500

Site Location 

"The Site Plan"
WML/0255/M4/P1

Irwell Street Metal Co Limited,
Kenyon Street Works, Ramsbottom, Bury.

NGR: SD 7946 1697

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"THE CONDITIONS"

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A GENERAL

A1 Site Covered By Licence

These licence conditions shall apply to the site shown hatched black on the attached plan WML/0255/M4/P1.

A2 Operation of the Site

The site shall be operated in accordance with the following licence conditions and in accordance with the methods of operation described in the current issue of the Working Plan. The current issue of the Working Plan shall be in accordance with the requirements of Condition A6 below. The Working Plan shall not be altered or modified other than in accordance with Condition A7 below. In the event of any proposals or details of operations contained in the Working Plan being in conflict with these licence conditions, the licence conditions shall prevail.

A3 Waste Disposal Operations on the Site

(a) Permitted Waste Disposal Operations:

Permitted waste disposal operations on the site shall consist only of the following operations:

- (i) input or delivery of wastes to the site, carried out in accordance with the requirements of Conditions C1 to C6, D1, G2 and the other relevant conditions of this licence;
- (ii) sorting and segregation of wastes on the site, carried out in accordance with Conditions C1, G3 and the other relevant conditions of this licence;
- (iii) storage of wastes on the site, carried out in accordance with Condition G4 and other relevant conditions of this licence;
- (iv) output or removal of wastes from the site, carried out in accordance with the requirements of Conditions C4, D1 and the other relevant conditions of this licence;
- (v) baling of wastes as described in the Working Plan.

(b) Prohibited Waste Disposal Operations:

Notwithstanding the provisions of Condition A3(a) above, the following waste disposal operations shall not take place on the site:

- (i) landfill operations;
- (ii) processing of wastes other than sorting, baling, segregation and storage;
- (iii) incineration or distillation.

A4 Permitted Waste Disposal Site Operators

The Licence Holder shall ensure that a technically competent/deemed technically competent manager is available to provide supervision during all times when permitted waste management operations as specific in Condition A3(a) are being carried out. Such operations shall only be carried out by the licence holder or persons in his direct employment and managerial control, except for:

- (i) site preparation and engineering works, which may be carried out by contractors as specified in the Working Plan;
- (ii) carriage of wastes to the point of initial deposit on the site;
- (iii) carriage of wastes from the point of despatch from the site.

A5 Display of Site Licence and Working Plan

(a) Display of Site Licence:

A copy of this site licence including the conditions and any modification thereto shall be displayed at all times in the site control office in a prominent position.

(b) Knowledge of Site Licence and Working Plan:

The contents of the site licence and its conditions together with the contents of the current issue of the Working Plan shall be made known to:

- (i) any person who is given responsibility for the management and control of the site; and

- (ii) all site operatives;

and shall be made available to:

- (iii) anyone wishing to use the site and whom the operator intends to allow to use the site.

(c) Inspection of Working Plan:

The current issue of the Working Plan shall be made available for inspection at the site office at any reasonable time by:

- (i) any person who is given responsibility for the management and control of the site;

- (ii) any site operatives;

- (iii) any authorised representative of the Waste Regulation Authority;

- (iv) the local Environmental Health Officer.

A6 Working Plan

The current issue of the working plan shall consist of the working plan as submitted to the Waste Regulation Authority as part of the application and as at the date of issue of this licence, plus any subsequent variations that have been made in accordance with condition A7(a). The management and operation of the site shall be carried out in accordance with the working plan, except where any element of the working plan contradicts or is otherwise inconsistent with the conditions of this licence, in which case the licence conditions shall prevail.

A7 Modifications to the Working Plan

(a) Variations to the Working Plan

Any proposed variation to the current issue of the Working Plan shall be notified to the Waste Regulation Authority, and the variation shall only be implemented, in accordance with the procedures specified in the following table for change of Type A or Type B:

Working plan change type	Notification to Waste Regulation Authority	Implementation of variation
Type A	Not more than 5 working days after changes have been made	As change incorporated
Type B	Not less than 1 calendar month before proposed changes are to be made in writing with the Waste Regulation Authority	Not until written consent to the proposed change has been given by the Waste Regulation Authority

The type of change applicable to each element of the working plan shall be as specified in the following table:

ELEMENTS OF WORKING PLAN COVERING THE FOLLOWING ASPECTS:	WORKING PLAN CHANGE TYPE
Site infrastructure	B
Environmental controls	B
Environmental monitoring schemes	B
Emergency procedures	B
Scale Drawings (proposed work)	A
As-built drawings (if different from proposed)	A
All other aspects	A

(b) **Review of the Working Plan:**

The Working Plan shall be reviewed by the licence holder at least once per year from the date of issue of this licence, or as otherwise requested in writing by the Waste Regulation Authority. Such review shall take into account of the adequacy of operational practices and methods and environmental monitoring and control in ensuring that the standards and objectives of the licence conditions are met. A copy of the results of the review and of any resulting proposed variations to the Working Plan shall be provided to the Waste Regulation Authority within one calendar month following the review.

A8 Approval of Working Plan

No waste shall be received on the site unless the current issue of the Working Plan has been submitted to and approved in writing by the Waste Regulation Authority, in accordance with Condition A6.

In the event of a modification to the current issue of the Working Plan being requested in writing by the licence holder or required in writing by the Waste Regulation Authority, a timescale for the submission and approval of the modification shall be agreed in writing with the Waste Regulation Authority within two weeks of the written request or written requirement being made. No waste shall be received on the site other than in accordance with the approved Working Plan beyond the agreed timescale for submission and approval unless either:

- (i) the modification has been submitted to and approved in writing by the Waste Regulation Authority in accordance with Condition A7; or
- (ii) an extension to the timescale has been agreed in writing with the Waste Regulation Authority; or
- (iii) the requirement for a modification has been withdrawn in writing by the Waste Regulation Authority.

A9 Contact Details

No waste shall be received until the licence holder has provided to the Waste Regulation Authority in writing the name, business address and telephone number of:

- (a) the person or persons having authority to accept or reject waste at the site;
- (b) the person or persons responsible for the day-to-day control of operations on the site;
- (c) the person or persons responsible for site security; and
- (d) the person or persons responsible for ensuring that the conditions of this licence are complied with.

Any change in these details shall be notified in writing to the Waste Regulation Authority forthwith.

A10 Emergency Procedures

- (a) Contact Details

No waste shall be received until the licence holder has provided to the Waste Regulation Authority in writing the name, address and telephone number of a responsible person for contact in the event of an emergency arising in connection with the facility:

- (i) during normal operating hours; and
- (ii) outside normal operating hours.

Any change in these details shall be notified in writing to the Waste Regulation Authority forthwith.

- (b) Emergency plan

No waste shall be received on the site unless there is an emergency plan for the site. This plan shall incorporate written emergency procedures which specify the actions to be taken by designated managers and site operatives to protect the environment and public safety if a fire or other event which is liable to cause either pollution of the environment, harm to human health or serious detriment to the amenities of the locality occurs on the site.

- (c) Training in emergency procedures

The licence holder shall ensure that all site managers and site operatives receive regular training in the emergency procedures, and that the emergency procedures are reviewed on a regular basis not less than once per year.

(d) Copy of emergency procedures

The licence holder shall submit a written copy of the current emergency procedures to the Waste Regulation Authority within 5 working days of their being issued.

A copy of the above information shall be submitted by the licence holder in writing to the local Environmental Health Authority.

All Notifications Under Licence Conditions

Any notification which the licence holder is required to make under these conditions shall be made to:-

The Chief Officer
Greater Manchester Waste Regulation Authority
6th Floor
Blackfriars House
Parsonage
Manchester
M3 2JA

Telephone Number 061-832-2776

B **PERMITTED WASTES**

B1 **Permitted Types and Quantities of Waste**

(a) **Permitted Types:**

Only those types of waste specified in Annex A to this licence shall be received at the site. If a particular waste type is not listed in Annex A as a permitted waste type, then it shall not be received at the site.

(b) **Maximum Daily Input:**

(i) **Total Permitted Wastes:**

The maximum total daily input of wastes to the site shall be 240 tonnes/day.

(ii) **Waste Groups:**

Within the constraints of Conditions B1(a) and (b)(i) above the maximum total daily input of each Waste Group to the site shall be as specified in Annex A, as follows:

Group 1: 210 tonnes/day

Group 2: 210 tonnes/day

Group 3: 210 tonnes/day

Group 4: 15 tonnes/day

Group 5: 15 tonnes/day

(iii) **Waste Types:**

Within the constraints of Conditions B1(a), b(i) and b(ii) above, the maximum input of each permitted waste type to the site shall be as specified against that waste type in Annex A to this licence.

(c) **Maximum Quantity of Stored Waste:**

The maximum quantity of solid waste stored on the site at any time shall not exceed the storage volume of the bays specified in Condition G4. The maximum quantity of waste in liquid or sludge form stored on the site shall not exceed the storage volume of the bunds as specified in Condition G8.

(d) **Maximum Quantity of Reclaimed Materials:**

The maximum quantity of reclaimed materials stored on the site at any time shall not exceed the storage volume of the skips and other containers specified in Condition G6.

B2 **Specific Exclusions of General Waste Types**

Notwithstanding the provisions of Condition B1 above, the following general exclusions of waste types shall apply to the site:

(a) **Waste in Sludge or Liquid Form:**

Only special wastes in sludge or liquid form which are also permitted wastes under Condition B1 shall be received at or deposited upon the site.

(b) **Explosive Wastes:**

No wastes shall be deposited which are inherently explosive.

(c) **Violently Reactive Wastes:**

No wastes shall be deposited which react violently with water.

(d) **Pressurised Wastes:**

No wastes shall be deposited which:

- (i) are contained in pressurised containers; or
- (ii) consist of pressurised containers, except for aerosol cans which constitute an inherent component of household refuse, where this waste type is permitted to be deposited.

B3 Pre-Treated Wastes

Where waste types are not permitted to be deposited under the provisions of this licence, then those wastes shall not be deposited whether or not they have been packaged, placed in other containers or waste materials, or pre-treated by any form of solidification or encapsulation.

B4 Special Wastes

Special wastes, as defined by the "Control of Pollution (Special Waste) Regulations 1980" (or any subsequent replacement legislation), shall only be received, sorted, segregated, stored and removed in accordance with Conditions C4 and G7.

B5 Malodorous Wastes

Wastes that could give rise to an objectionable odour to persons outside the site boundary shall be handled on the site in such a manner as to prevent such nuisance arising, in accordance with the preventive measures specified in the Working Plan. Such measures to be included in the Working Plan shall be following consultation with the Environmental Health Authority for the area of the site.

Aerial emissions from the site shall be controlled in accordance with Condition I5.

B6 Incompatible Wastes

Wastes of different types which are liable to react with each other so as to cause either:

- (i) fire;
 - (ii) explosion; or
 - (iii) the formation of obnoxious or toxic fumes, vapours or gases,
- shall be kept separate and stored in clearly marked, segregated areas and/or containers.

C CONTROL OF WASTE DISPOSAL OPERATIONS

C1 Checks on Incoming Waste

All loads of waste received at the site shall be checked prior to deposit to ensure that the waste types conform to the requirements of Conditions B1 and B2 of this licence. The checks shall consist of the following:

(a) Visual Checks Prior to Deposit:

A visual check shall be made of the contents of all incoming loads to ensure their suitability for deposit at the site. Any cover sheets or nets shall be removed from the load for this check to be carried out.

(b) Analyses Prior to Deposit:

- (i) All soils for which there is reason to suspect that the soil may be contaminated above the levels permitted for Soil Class A (as defined in Annex B to this licence) shall be sampled and the samples subjected to a Soil Analysis as specified in Annex C to this licence prior to deposit on the site.
- (ii) All wastes for which there is reason to suspect that the waste may be contaminated above the levels permitted for that waste type (as specified in Annex A and as defined in Annex B to this licence), shall be sampled and the samples subjected to a Full Analysis as specified in Annex C to this licence prior to deposit on the site.
- (iii) All special wastes and all wastes specified in Annex A to this licence as requiring analysis, shall be sampled and the samples subjected to a Full Analysis as specified in Annex C to this licence prior to deposit on the site unless such wastes have been previously analysed and the results of the analysis have been obtained in writing by the licence holder.
- (iv) All such Soil Analyses, Basic Analyses and Full Analyses shall be in accordance with the list of parameters and methods of analysis specified in Annex C to this licence. The basis of the sampling for such analyses (every load or random samples from a specified proportion of the loads) shall be in accordance with the basis specified in Annex E to this licence.
- (v) Results of all such analyses carried out in accordance with (i) or (ii) or (iii) above shall be recorded in writing and retained in accordance with Condition D1.

(c) Visual Checks Following Deposit:

All wastes deposited at the site shall be checked immediately following deposit and during sorting, segregation and storage, to ensure their continued suitability for disposal operations at the site and for final disposal at the destination site.

(d) **Additional Checks on Incoming Special Waste:**

In addition to the checks carried out under C1(a), (b) and (c), each load of special waste entering the site shall be checked against the description of the load as declared on the 'Consignment Note for the Carriage and Disposal of Hazardous Wastes' accompanying the load. Any special waste not conforming to the declared description shall be placed in the special waste bay. The action to be taken regarding such waste must be agreed with the Waste Regulation Authority.

C2 Non-Conforming Wastes

All waste not conforming to the requirements of Conditions B1 and B2 shall be turned away or removed from the site in accordance with the following:

- (a) Where such non-conforming waste is not detected prior to deposit by the checks specified in Condition C1(a), C1(b) and C1(d), but is detected following deposit by the checks specified in Condition C1(c), it shall be re-loaded immediately onto the vehicle making the deposit. Each such incident shall be recorded in the site records specified in Condition D1(a) and D1(b).
- (b) Where such non-conforming waste is not detected prior to deposit by the checks specified in Condition C1(a), C1(b) and C1(d), but is detected following deposit by the checks specified in Condition C1(c), but due to circumstances outside the operator's control it is impracticable to re-load the waste onto the vehicle making the deposit, it shall be stored in a container in a specified area previously agreed in writing with the Waste Regulation Authority and incorporated in the Working Plan. The waste shall be removed to a suitably licensed site by the end of a period of 5 working days. Each such incident shall be recorded in the site records specified in Condition D1(a) and D1(b).
- (c) Any special waste not conforming to the declared description shall be placed in the designated special waste bay and the Waste Regulation Authority notified immediately in order that the most appropriate course of action under C2(a) and (b) can be formally approved.

C3 Sampling

Samples of any waste entering the site or undergoing disposal on the site and samples of any gaseous, liquid or particulate emissions from the site may be taken by or under the direction of the Waste Regulation Authority.

The operator shall provide any reasonable assistance in the form of site personnel and/or equipment to the Waste Regulation Officers on request, to enable such samples to be obtained.

Any information required to enable sampling to be carried out in accordance with the requirements of the "Control of Substances Hazardous to Health (COSHH) Regulations 1988" (or any subsequent replacement legislation) shall be provided forthwith to the Waste Regulation Authority on request.

C4 Special Wastes

All special wastes notified to the site shall be checked according to Condition C1 and deposited into a totally enclosed and lockable container positioned in the special waste storage bay in accordance with Condition G7. Any special wastes which are not permitted under Annex A and which are delivered to the site and detected by the checks specified in Conditions C1(a), (b), (c) or (d) shall be placed within the Special Waste bay as an emergency measure pending either the return of the waste to the producer or removal to a suitably licensed waste disposal facility. The licence holder shall notify the Waste Regulation Authority immediately of all such emergencies in order to formally agree the removal procedure which shall be in accordance with the Control of Pollution (Special Waste) Regulations 1980 (or any subsequent replacement legislation).

C5 Asbestos

Asbestos and asbestos-contaminated waste as defined in Annex A to this licence shall be disposed of in accordance with the requirements of Waste Management Paper No 18 (or any subsequent replacement waste management paper by whatever name). Asbestos wastes which consist of, or are liable to give rise to asbestos fibres shall be treated as a Special Waste and shall be handled in accordance with the relevant Conditions of this licence regarding Special Wastes.

C6 Waste in Drums

Any waste received at the site in drums shall be treated and/or segregated in such a manner that their transfer to landfill does not contravene the requirements of the Code of Practice for the Disposal of Drummed Waste to Landfill (attached as Annex F to this licence), where it is a requirement of the relevant landfill site licence that this Code of Practice shall apply.

D SITE RECORDS

D1 Site Records

The operational site records shall be kept as specified in (a) to (g) inclusive below, and as summarised in Annex E to this licence. The form of the records shall be specified in the Working Plan.

(a) Inputs/Deliveries of Waste to the Site:

- (i) A record shall be kept of the types and quantities of waste delivered to the facility. The form of the record shall be agreed in writing with the Waste Regulation Authority and shall include details of the person or company delivering the waste, the time and date of the delivery, the registration number of the vehicle, the name of the driver, and a description of the waste and the quantity of waste in the load. This record shall be signed by the site operative checking the load in accordance with Conditions B1 to B4 of this licence, and by the driver of the vehicle delivering the waste.
- (ii) The recorded description of the waste shall conform with the waste deposited against that record.
- (iii) A daily summary of the above records shall be made within five working days of the original records being made. This summary shall record the following details for each day:

Waste type (as specified in Annex A)
Total quantity of waste type received (tonnes)
Number of loads of each waste type (vehicles)

(b) Outputs/Removals of Waste from the Site:

- (i) A record shall be kept of the types and quantities of waste removed from the facility. The form of the record shall be agreed in writing with the Waste Regulation Authority and shall include details of the person or company removing the waste, the time and date of the removal, the registration number of the vehicle, the name of the driver, a description of the waste and the quantity of waste in the load and details of the final destination of the waste. This record shall be signed by the site operative checking the load, and by the driver of the vehicle removing the waste.
- (ii) The recorded description of the waste shall conform with the waste removed against that record.
- (iii) A daily summary of the above records shall be made within five working days of the original records being made. This summary shall record the following details for each day:

Waste type (as specified in Annex A)
Total quantity of waste type removed (tonnes)
Number of loads of each waste type (vehicles)

(c) Special Wastes:

- (i) A daily record shall be kept of all Special Wastes received and in storage on the site. This record shall be cross-referenced to the records of the waste deliveries and removals kept under Conditions D1(a) and (b). The daily record shall contain the following details:-

- (ii) Records shall be kept of all removals from the site of Special Wastes, in accordance with the "Control of Pollution (Special Waste) Regulations 1980", (or any subsequent replacement legislation) and in accordance with Condition C4.

Waste type, quantity and condition
Container type and condition
Location

(d) Analyses of Wastes:

A record shall be kept of all analyses of wastes carried out in accordance with Condition C1. This record shall include the results of all such analyses. The record of each analysis shall include a summary interpretation of the results.

(e) Monitoring of Surface Waters:

A record shall be kept of all conductivity measurements and all analyses of samples of surface waters arising from the site and in watercourses adjacent to the site in accordance with the requirements of Condition I4. The record of each such analysis shall include a summary interpretation of the results.

(f) Checks on Site Infrastructure

Monthly checks shall be carried out to ensure the integrity of the site surface, bunding, drainage system and any interception or collection tanks in accordance with the requirements of conditions J1 and J3.

(g) Monitoring of Water Within the Bunds:

A record shall be kept of all analyses of waters collected within the special waste storage bunds in accordance with Annex G of this licence. A record of the discharge of all such waters to drain/sewer or the removal of such waters to a suitably licensed site shall be kept in accordance with Condition I3(b)(ii) of this licence, and submitted to the Waste Regulation Authority in accordance with Condition I3(b)(iv) of this licence.

D2 Retention and Surrender of Records

All records required to be kept under Condition D1 shall be securely kept in the format specified in the Working Plan, at the site office or at the licence holder's offices at:

Kenyon Street Works
Ramsbottom
Bury
Greater Manchester

The site operator shall keep these records for the duration of the site licence unless otherwise authorised in writing by the Waste Regulation Authority. The licence holder shall surrender these records to the Waste Regulation Authority on termination of this site licence, whether by surrender or revocation.

D3 Submission of Copies of Records to the Waste Regulation Authority

Copies of the records specified in Condition D1 shall be sent in writing to the Waste Regulation Authority as follows (as summarised in Annex E to this licence):

(a) Inputs/Deliveries of Waste to the Site:

A copy of the daily summaries for each calendar month shall be sent to the Waste Regulation Authority within two weeks of the end of that calendar month.

(b) Outputs/Removals of Waste from the Site:

A copy of the daily summaries for each calendar month shall be sent to the Waste Regulation Authority within two weeks of the end of that calendar month.

(c) Special Waste Records:

A copy of the daily summaries for each calendar month, as specified in Condition D1(c)(i) shall be sent to the Waste Regulation Authority within two weeks of the end of that calendar month.

(d) Monitoring of Surface Water:

(i) Conductivity Measurements:

A copy of the records of such conductivity measurements of surface waters taken in accordance with the requirements of Conditions D1(e) and I4 shall be sent to the Waste Regulation Authority in accordance with the requirements of Condition I4.

(ii) Analyses of Samples:

A copy of the records of analyses of samples of surface waters taken in accordance with the requirements of Conditions D1(e) and I4 shall be sent to the Waste Regulation Authority in accordance with the requirements of Condition I4.

(e) Checks of Site Infrastructure

A copy of the records of all checks on Site infrastructure including the site drainage system carried out in accordance with conditions J1 and J3 shall be submitted to the Waste Regulation Authority in accordance with Annex E of this licence.

(f) Analysis of Wastes:

A record shall be kept of all analyses of soils and other wastes carried out in accordance with Condition C1(b). This record shall include results of all such analyses. The record of each such analysis shall include a summary interpretation of the results.

D4 Inspection of Records

All records required to be kept under Conditions D1 and D2 of this licence must be made available to any authorised representative of the Waste Regulation Authority for inspection at any reasonable time.

D5 Outstanding Records

In the event of failure to comply with the requirements of Conditions D1, D2, D3 or D4, the outstanding records shall be submitted in writing or by facsimile transmission to the Waste Regulation Authority forthwith.

E SITE FACILITIES AND INFRASTRUCTURE

E1 Site Office

No waste shall be received at the site until a site office has been provided as specified in the Working Plan. It shall be adequately equipped and manned to allow the requirements of the conditions of this licence to be routinely carried out.

E2 Site Identification Board

No waste shall be received unless a site identification board of durable material and finish is being prominently displayed at the site entrance showing the hours when the site is open and giving the name of the site, the name, address and telephone number of the operator (and his local agent) and the Waste Regulation Authority responsible for issuing the site licence.

The board shall include a prominent instruction to incoming drivers to report at the site office in order to have their loads checked prior to deposit.

E3 Site Security

No waste shall be received until the site is made secure in the manner specified in the Working Plan. All site fencing, walls, gates and doors shall be maintained to a standard sufficient to prevent unauthorised access.

Site fencing and gates shall be inspected each working day, and any damage or holes repaired within one working day (24 hours) of being detected. Gates and/or doors shall be locked out of working hours other than in an emergency situation, and in any case whenever the site is not manned.

E4 Site Access

Access to the site for incoming and outgoing waste shall only be from Kenyon Street, through the gates/doors specified in Condition E3.

E5 Fuel Storage Tank

All fuel stored on the site other than in vehicle fuel tanks shall be contained in a bunded tank provided in accordance with the Working Plan. The bund for this tank shall be impervious and shall provide containment for at least 110% of the maximum volume of the tank.

F SITE OPERATIONS

F1 Opening Hours

The site shall only be open for the receipt or removal of waste during the hours:-

Monday to Friday	0800 - 1800
Saturday	0800 - 1300
Sunday	No Receipts or Removals
Bank Holidays	No Receipts or Removals
Other Public Holidays	No Receipts or Removals

F2 Staffing

Appropriately trained and experienced supervisory and/or operating staff shall be made available as and when required to ensure that the conditions of this licence are fulfilled. The appropriate level of training shall be as specified in the Working Plan, and shall in particular address the need for checking, screening and testing incoming waste, and for prevention and monitoring of pollution and detriment to the local environment.

A minimum of two operatives, at least one of whom shall be an appropriately trained and experienced supervisor, shall be on site whenever waste is being received, handled or removed. Staff shall be trained in the use of fire fighting equipment provided in accordance with Condition F3.

F3 Machinery, Plant and Equipment

An appropriate level of machinery, plant and equipment shall be provided to ensure that all incoming waste is dealt with in accordance with the conditions of this licence. The machinery, plant and equipment shall be specified in the Working Plan, and operational instructions for the machinery, plant and equipment shall be kept in the site office. Fire fighting equipment specified in the Working Plan shall be provided and maintained in accordance with the requirements of the Local Fire Authority.

In the event of any breakdown in such machinery, or equipment which results in either waste or surface water drainage arisings not being dealt with in accordance with the conditions of this licence, the site shall be closed until such time as the defective items are repaired or replaced, unless otherwise authorised by the Waste Regulation Authority.

F4 Temporary Cessation of Operations

All temporary cessations of operations which require the transfer or diversion of waste delivered at the facility to facilities elsewhere shall be notified in writing forthwith to the Waste Regulation Authority.

G WASTE DISPOSAL OPERATIONS ON THE SITE

G1 Site Preparation and Engineering Works

All site preparation and engineering works specified in the Working Plan shall be carried out in accordance with the requirements of Conditions J1 to J5 inclusive.

No waste shall be deposited on the site until:

- (a) the site preparation and engineering works specified for that area in the Working Plan have been carried out in accordance with the requirements of Conditions J1 to J5, and these works have been approved in writing by the Waste Regulation Authority; and
- (b) all test results required in respect of such site preparation and engineering works have been submitted in writing to, and approved in writing by, the Waste Regulation Authority.

G2 Input or Delivery of Wastes

All waste delivered to the site shall be checked in accordance with Condition C1 to ensure that it conforms to the requirements of Conditions B1 and B2.

All waste delivered to the site shall be recorded in accordance with Condition D1(a).

All waste accepted at the site shall be deposited within the bays or bunds, as constructed in accordance with Conditions J4 and J5 and specified in the Working Plan. All Special Waste delivered to the site shall be checked and recorded in accordance with Condition G7.

G3 Sorting and Segregation of Wastes

All sorting and segregation of wastes on the site shall take place within the designated and prepared area of the site specified in the Working Plan. All Special Waste shall be sorted and segregated in accordance with Condition G7.

G4 Storage of Solid Wastes

All waste deposited on the site either before, during or after sorting and segregation shall be stored within the 4 bays specified in Condition G2, except for those reclaimed materials specified in Condition G6. All Special Wastes shall be stored within the Special Waste bay in a totally enclosed and lockable container in accordance with Condition G7.

Wastes shall not be stored above the maximum permitted height of 2 metres above ground level or beyond the front boundaries of the bays. The maximum storage volume of each bay shall be as follows:

Bay 1	100m ³	Special Waste Bay
Bay 2	170m ³	Non-Special Waste Bay
Bay 3	170m ³	Non-Special Waste Bay
Bay 4	170m ³	Non-Special Waste/Compactor Bay

The maximum permitted storage height and the front boundaries of the bays shall be shown by conspicuous lines painted on the walls and front edge of the bays in accordance with Condition J4 and as specified in the Working Plan.

No putrescible wastes shall remain on the site or in any bay or container on the site for periods in excess of 24 hours.

No other waste shall remain on the site or in any bay for periods in excess of 5 days, with the exception of the following:

reclaimed material within the skips and containers specified in Condition G6, which shall not remain on the site for periods in excess of one calendar month.

G5 Output or Removal of Wastes

All wastes removed from the site shall be recorded in accordance with Condition D1(b) and (c).

G6 Reclaimed Materials

Reclaimed plastics, paper, cardboard and metals which are separated from the wastes deposited in the bays, shall be stored within skips or other containers as specified in the Working Plan. Such skips and containers shall be kept within the area of the site specified in the Working Plan in accordance with Condition G3, until their removal from the site. All such reclaimed materials removed from the site shall be recorded in accordance with Condition D1(b).

The maximum total storage volume of such skips and containers shall be 300m³.

G7 Special Wastes

- (a) All Special Waste delivered to the site shall be checked in accordance with Condition C1.
- (b) All Special Waste delivered to the site shall be segregated and stored within the Special Waste storage bay in accordance with Conditions B4, B6 and C4.
- (c) All Special Waste removed from the site shall be in accordance with the 'Control of Pollution (Special Waste Regulations 1980)' or any subsequent replacement legislation.
- (d) All surface water and other uncontaminated liquids within the Special Waste storage area shall be collected by means of bunding specified in Condition J5.
- (e) All surface water and other liquids collected within the Special Waste storage area bund shall be tested prior to discharge as specified in Annex G to this licence. All such tests shall be recorded in accordance with Condition D1(g).
- (f) A record shall be kept of all conductivity measurements and analysis of samples of all liquids arising within the Special Waste bunded area in accordance with the requirements of Condition I3(b). The record of such analysis shall include a summary interpretation of the results.

G8 Liquid Wastes

All liquid wastes shall be stored in impervious bunds which shall provide containment for at least 110% of the maximum volume of the largest container within the bund.

H ENVIRONMENTAL CONTROLS

H1 Fires

No waste material shall be burnt within the boundaries of the site. Any fire at the site shall be regarded as an emergency and immediate action shall be taken to extinguish it. All such outbreaks of fire shall be notified forthwith to the Waste Regulation Authority in accordance with the terms of Condition A11.

H2 Loose Waste

At least once a day any loose waste which may be lying on the site shall be gathered, and disposed of in such a way as to keep the site tidy.

H3 Control of Windblown Waste

All reasonable precautions shall be taken in accordance with the Working Plan to ensure that waste which becomes windblown is retained within the curtilage of the site.

H4 Control of Weeds

The site shall be maintained in a tidy condition in accordance with the Working Plan, and where necessary action shall be taken to control or destroy weeds.

H5 Vermin & Insects

Precautions shall be taken as specified in the Working Plan to deal effectively with any vermin and insects on the site.

H6 Noise, Vibration and Aerial Emissions

Measures as specified in the Working Plan shall be undertaken so as to prevent detriment through noise and vibration to the amenities of the adjoining locality. Detriment shall be defined by the levels specified in the Working Plan, as agreed in writing with the Environmental Health Authority for the area of the site.

Aerial emissions from the site shall be controlled in accordance with Conditions B5 and I5.

H7 Suppression of Dust

Whenever necessary the site surface, incoming loads and waste awaiting deposit shall be sprayed with water to suppress the emission of dust, and in any event shall be so sprayed if requested by officers of the Waste Regulation Authority.

H8 Cleanliness of Vehicles

The licence holder shall ensure that all measures as specified in the Working Plan are carried out so as to prevent any vehicles from leaving the site or access roads between the highway and the site, in such a condition that they foul the highway with mud or other material.

H9 Sheeting of Loads

The licence holder shall take all reasonable steps as specified in the Working Plan to ensure that all loads of waste in open containers being received at the site are adequately sheeted.

All loads of waste in open containers being removed from the site shall be adequately sheeted.

I POLLUTION CONTROLS

I1 Containment of Surface Water

All areas of the site where waste is received, stored, treated or despatched shall be provided with a suitable robust and impervious surface as specified in the Working Plan. Any such surfacing shall be sealed so as to render them impervious. All such surfacing shall be laid with appropriate falls and shall be provided with a perimeter bund or kerb so as to ensure that all water run-off from those areas of the site where waste is handled or stored shall be directed to foul sewer via appropriate drainage, and monitoring systems as specified below:

I2 Discharge of Surface Water

All areas of the site where waste is received, stored, treated or despatched shall be provided with a water drainage, collection and discharge system incorporating a suitable interceptor or catchpit prior to discharge. This drainage system shall be capable of draining all water which may be expected to rise within the area. For external areas of the site used for handling or storage of waste, drainage shall be installed to specifications approved by North West Water Plc, or their local agent, as described in the Working Plan.

I3 Removal of Contaminated Water

(a) Water from Site Surface:

All contaminated surface water shall be collected by means of the surface drainage system specified in the Working Plan in accordance with Condition J2 of the licence. Unless a discharge consent for such contaminated water is in force as specified in Condition I2, such contaminated water shall be removed to a suitably licensed site at regular intervals as specified in the Working Plan. All removals of contaminated water to a suitably licensed site shall be recorded in accordance with the requirements of Condition D1(b).

(b) Water from Storage Area Bunds:

(i) Collection:

Within the storage area all surface water and other uncontained liquids shall be collected by means of the bunding specified in Condition J5.

(ii) Testing:

All surface water and other liquids collected within the bunds shall be tested prior to discharge as specified in Annex G to this licence. All such tests shall be recorded in accordance with Condition D1(d).

(iii) Removal:

Unless a discharge consent for such uncontaminated water is in force as specified in Condition I2, such contaminated water shall be removed to a suitably licensed site at regular intervals as specified in the Working Plan. All removals of contaminated water to a suitably licensed site shall be recorded in accordance with the requirements of Condition D1(b).

- (iv) Submission of Copies of Records to the Waste Regulation Authority:

A copy of the records made in accordance with the requirements of Condition D1(g) shall be submitted in writing to the Waste Regulation Authority as follows:

- (i) tests carried out during one calendar month of liquids collecting within the bunds - within two weeks following the end of that calendar month;
- (ii) removals of water and other liquids during a calendar month - within two weeks following the end of that calendar month.

I4 Monitoring of Surface Water Arisings

(a) Surface Water Monitoring Programme:

No waste shall be received on the site until a surface water monitoring programme has been submitted in writing to and agreed in writing by, the Waste Regulation Authority and until this agreed programme has been incorporated in the Working Plan. This programme shall specify the following:

- (i) the frequency at which conductivity measurements of surface water arising from the site and in watercourses adjacent to the site shall be carried out at specified locations on or adjacent to the site, which shall be in accordance with the minimum frequency specified in Annex D to this licence;
- (ii) the frequency at which samples of surface water arising from the site and in watercourses adjacent to the site shall be taken from specified locations on or adjacent to the site, which shall be in accordance with the minimum frequency specified in Annex D to this licence;
- (iii) the list of parameters for which such samples of surface water shall be analysed, which shall be in accordance with the list contained in Annex D to this licence, unless otherwise agreed in writing with the Waste Regulation Authority and specified in the Working Plan;
- (iv) the methods of analysis by which such samples shall be analysed, which shall be in accordance with the methods specified in Annex D to this licence, unless otherwise agreed in writing with the Waste Regulation Authority and specified in the Working Plan;
- (v) the form in which the results of such conductivity measurements and analyses shall be recorded.

(b) Initial Measurements:

No waste shall be deposited on the site until initial conductivity measurements and analyses of samples of surface water arising from the site and in watercourses adjacent to the site have been carried out at the locations specified in the Working Plan in accordance with Condition I4(a) above.

(c) Recording of Surface Water Monitoring Results:

All results of conductivity measurements and analyses of samples of surface water carried out in accordance with Condition I4(a) and I4(b) shall be recorded in accordance with Conditions D1 and I4(a).

(d) **Retention of Records:**

All records made in accordance with the requirements of Condition I4(c) shall be kept in accordance with the requirements of Condition D2.

(e) **Submission of Copies of Monitoring Records to the Waste Regulation Authority:**

A copy of the records made in accordance with the requirements of Condition I4(c) shall be submitted in writing to the Waste Regulation Authority as follows:

- (i) conductivity measurements taken during one calendar month - within two weeks following the end of that calendar month;
- (ii) each analysis of a sample - within one calendar month of the sample being taken.

(f) **Revisions to the Surface Water Monitoring Programme:**

If it becomes apparent that the frequencies of carrying out conductivity measurements, sampling and analysis has become inappropriate they shall only be changed by revision of the Working Plan which has been approved in writing by the Waste Regulation Authority in accordance with Condition A7.

(g) **Trigger Levels:**

The trigger levels for each of the parameters specified in the monitoring programme shall be ten times the background level for that parameter as determined by the initial measurements, unless otherwise specified in writing by the Waste Regulation Authority.

In the event of the trigger level for a parameter being exceeded the Waste Regulation Authority and the National Rivers Authority shall be notified immediately, and measures as specified in the Working Plan shall be put into immediate effect to identify the cause of the trigger level being exceeded and to remedy the situation.

I5 Control of Aerial Emissions from the Site

Any aerial emission from the site shall be so treated or arrested that it does not exceed one fortieth of the relevant Occupational Exposure Level at hospitals, schools, and premises where persons reside in the vicinity of the site; and does not exceed the Occupational Exposure Limit at other industrial or commercial developments in the vicinity of the site. The methods adopted to treat or arrest emissions in order to achieve this shall be specified in the Working Plan.

J SITE PREPARATION AND MAINTENANCE

J1 Preparation and Maintenance of Site Surface

No waste shall be deposited on the site until the surface of the site, specifically those areas designated in the Working Plan for the processing and storage of waste has been covered with a suitable impervious concrete surface as specified in the Working Plan. All joints in this surface shall be checked regularly and if necessary repaired to ensure that no leakage of surface water run-off or spillages occurs. Any cracks or holes in the surface shall be repaired immediately. The surface shall be steam cleaned as necessary or when requested by the Waste Regulation Authority.

J2 Surface Water Drainage and Monitoring Systems

The following surface water drainage and monitoring systems shall be provided as specified in the Working Plan and in accordance with Condition G1:

- (a) surface water drainage, collection and discharge system incorporating a suitable interceptor or catchpit prior to discharge;
- (b) marked surface water monitoring points in watercourses on or adjacent to the site.

J3 Monitoring of Drainage and Containment Systems

The surface water collection and drainage system including all bunded areas, shall be checked daily to ensure the integrity of the impervious surface. The levels of liquids in any bunds, interceptor and/or collection tank shall be checked regularly to eliminate any risk of overflow. The integrity of all bunds and tanks shall be checked every 6 months. The method of testing shall be agreed in writing with the Waste Regulation Authority and incorporated into the Working Plan within 6 months of the date of issue of this modification.

J4 Construction of Bays

No waste shall be received at the site until storage bays have been constructed and marked out using white painted lines as agreed in the Working Plan.

No Special Waste shall be received at the site until the bunded Special Waste storage bay has been constructed as agreed in the Working Plan.

No waste shall be received at the site until the drainage system with interceptor points has been completed in such a manner that all surface water drainage from the bay areas shall be directed to drainage via interceptor points, as specified in Condition J2(a).

No Special Waste shall be received at the site until the Special Waste storage bay has been constructed in such a manner that all drainage from the bay is directed to the interceptor point as specified in Condition J2(a).

J5 Construction of Bunds

No waste in liquid or sludge form shall be received at the site until impervious bunds have been constructed in accordance with Condition G8 of this licence. The location, capacity and structure of these bunds must be agreed in writing with the Waste Regulation Authority and this information must be incorporated into the Working Plan.

J6 Maintenance of Site

The reception and storage areas, drain system, gullies and interceptor pit shall be maintained at all times in a state of good repair. The storage bays and bund shall be checked daily and all necessary maintenance carried out at the earliest opportunity. The white-coloured painted lines specified for each bay in Condition J4 shall remain clearly visible at all times.

GROUP 1

ANNEX A : PERMITTED WASTE TYPES (CONDITIONS B1 AND B2)

MAXIMUM TOTAL DAILY INPUT OF GROUP 1 WASTES: NOT EXCEEDING 210 TONNES/DAY
MAXIMUM DAILY INPUT OF EACH WASTE TYPE FROM GROUP 1: AS SPECIFIED BELOW (CONDITION B1(b))

NOTE: MAXIMUM TOTAL DAILY INPUT OF ALL PERMITTED WASTES TO ENTIRE SITE IS 240 TONNES/DAY

CONTAMINATION LEVELS:
THE MAXIMUM PERMITTED CONTAMINATION LEVELS FOR WASTE TYPES IN THIS GROUP OF THOSE CONTAMINANTS SPECIFIED IN ANNEX B ARE THE MAXIMUM LEVELS FOR SOIL CLASS A.

THE WASTE TYPES PERMITTED FROM GROUP 1 AND THE MAXIMUM WEEKLY INPUT EXPRESSED AS A PROPORTION OF THE TOTAL WEEKLY INPUT OF GROUP 1 WASTES TO THE SITE ARE AS FOLLOWS:-

GROUP 1 WASTE TYPES (Solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 1 wastes to site)	CONDITIONS/COMMENTS
SOIL CLASS A (UNCONTAMINATED SOIL)		100%	
UNCONTAMINATED RUBBLE/HARDCORE		100%	
STONE		100%	
CLAY		100%	
SAND (EXCEPT FOUNDRY SAND)		100%	
SILICA, CARBON, KIESELGUHR (EXCEPT WHERE USED AS FILTER MATERIAL)		100%	
GLASS, POTTERY, CHINA, FIRED ENAMELS, CERAMICS, MICA		100%	
BRICKWORK		100%	
CONCRETE		100%	
BOILER SCALE		NOT PERMITTED	
WEATHERED TAR/BITUMEN AGGREGATE		100%	
SLAG, ASH, CLINKER (EXCEPT INCINERATOR RESIDUE)		NOT PERMITTED	
MINERAL PROCESSING WASTES		100%	
(Group 1 Wastes Continued...)			

	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 1 wastes to site)	CONDITIONS/COMMENTS
MIXED WASTES (GROUP 1) (as follows): MIXED PERMITTED WASTE TYPES FROM GROUP 1 ONLY		100%	

GROUP 2

ANNEX A CONTINUED.....PERMITTED WASTE TYPES (CONDITIONS B1 AND B2)

MAXIMUM TOTAL DAILY INPUT OF GROUP 2 WASTES: NOT EXCEEDING 210 TONNES/DAY
MAXIMUM DAILY INPUT OF EACH WASTE TYPE FROM GROUP 2: AS SPECIFIED BELOW (CONDITION B1(b))

NOTE: MAXIMUM TOTAL DAILY INPUT OF ALL PERMITTED WASTES TO ENTIRE SITE IS 240 TONNES/DAY

CONTAMINATION LEVELS:
THE MAXIMUM PERMITTED CONTAMINATION LEVELS FOR WASTE TYPES IN THIS GROUP OF THOSE CONTAMINANTS SPECIFIED IN ANNEX B ARE THE
MAXIMUM LEVELS FOR SOIL CLASS B.

THE WASTE TYPES PERMITTED FROM GROUP 2 AND THE MAXIMUM WEEKLY INPUT EXPRESSED AS A PROPORTION OF THE TOTAL WEEKLY INPUT OF GROUP 2 WASTES
TO THE SITE ARE AS FOLLOWS:-

GROUP 2 WASTE TYPES (Solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 2 wastes to site)	CONDITIONS/COMMENTS
WOOD - TREATED TIMBER		100%	
WOOD - UNTREATED TIMBER		100%	
WOOD PRODUCTS - HARDBOARD, CHIPBOARD		100%	
SAND/ST/SANDERDUST		100%	
TREES, BUSHES, TREE/HEDGE CUTTINGS		100%	
PAPER, INCLUDING OILED/TARRED PAPER		100%	
CARDBOARD, FIBREBOARD		100%	
CORK, EBONITE, KAPOK		100%	
PLASTIC		100%	
TANNED LEATHER		100%	
TEXTILES/FIBRES - NATURAL OR MAN-MADE		100%	
CEMENT (EXCEPT AS CONSTITUENT OF BRICKWORK OR CONCRETE)		100%	
(Group 2 Wastes Continued...)			

GROUP 2 WASTE TYPES (Solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 2 wastes to site)	CONDITIONS/COMMENTS
CONTAMINATED WASTES (GROUP 2) (as follows): WASTE TYPES OTHERWISE PERMITTED FROM GROUP 1 OR GROUP 4, WITH CONTAMINATION LEVELS EXCEEDING THOSE SPECIFIED FOR SOIL CLASS A IN ANNEX B BUT WITHIN THOSE SPECIFIED FOR SOIL CLASS B		100%	
CONTAMINATED SOIL (as follows): SOIL CLASS B (SLIGHTLY CONTAMINATED SOIL)		100%	Contamination levels defined in Annex B. Requires analysis.
MIXED WASTES (GROUP 2) (as follows): MIXED PERMITTED WASTE TYPES FROM GROUP 2 ONLY MIXED PERMITTED WASTE TYPES FROM GROUP 1 AND 2		100% 100%	

ANNEX A CONTINUED.....PERMITTED WASTE TYPES (CONDITIONS B1 AND B2)

GROUP 3

MAXIMUM TOTAL DAILY INPUT OF GROUP 3 WASTES: NOT EXCEEDING 210 TONNES/DAY
MAXIMUM DAILY INPUT OF EACH WASTE TYPE FROM GROUP 3: AS SPECIFIED BELOW (CONDITION B1(b))

NOTE: MAXIMUM TOTAL DAILY INPUT OF ALL PERMITTED WASTES TO ENTIRE SITE IS 240 TONNES/DAY

CONTAMINATION LEVELS:

THE MAXIMUM PERMITTED CONTAMINATION LEVELS FOR WASTE TYPES IN THIS GROUP OF THOSE CONTAMINANTS SPECIFIED IN ANNEX B ARE THE MAXIMUM LEVELS FOR SOIL CLASS C.

THE WASTE TYPES PERMITTED FROM GROUP 3 AND THE MAXIMUM WEEKLY INPUT EXPRESSED AS A PROPORTION OF THE TOTAL WEEKLY INPUT OF GROUP 3 WASTES TO THE SITE ARE AS FOLLOWS:-

GROUP 3 WASTE TYPES (Solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 3 wastes to site)	CONDITIONS/COMMENTS
HOUSEHOLD WASTE/REFUSE - TREATED OR UNTREATED		10%	As inherent component of skip waste
COMMERCIAL REFUSE (CONSISTING OF PAPER, CARDBOARD, PLASTIC, WOOD)		100%	
EMPTY USED CONTAINERS (CONSTRUCTED OF METAL, GLASS, PLASTIC, PAPER, CARDBOARD, WOOD, ETC.)		100%	
SCRAP MACHINERY/EQUIPMENT - FERROUS		100%	
SCRAP MACHINERY/EQUIPMENT - NON-FERROUS		100%	
ELECTRICAL FITTINGS/FIXTURES/APPLIANCES		100%	
VEGETABLE MATTER (OTHER THAN TREES, BUSHES, TREE/HEDGE CLIPPINGS)		20%	
WASTE FOOD OR FOOD PROCESSING MATERIALS		20%	
ANIMAL CARCASSES OR PARTS THEREOF		NOT PERMITTED	
(Group 3 Wastes Continued...)			

GROUP 3 WASTE TYPES (Solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 3 wastes to site)	CONDITIONS/COMMENTS
CLINICAL WASTES - TREATED OR UNTREATED		NOT PERMITTED	
RUBBER (INCLUDING TYRES)		100%	
SOAP		10%	
DETERGENTS		10%	
COSMETIC PRODUCTS - RETAIL ONLY		10%	
DRY SEWAGE SLUDGE		NOT PERMITTED	
INCINERATOR RESIDUE		NOT PERMITTED	
FOUNDRY SAND		0.5%	
PLASTER		10%	
PLASTERBOARD		100%	
<u>CONTAMINATED WASTES (GROUP 3) (as follows):</u> WASTE TYPES OTHERWISE PERMITTED FROM GROUP 1, GROUP 2 OR GROUP 4 WITH CONTAMINATION LEVELS EXCEEDING THOSE SPECIFIED IN ANNEX B FOR SOIL CLASS B, BUT WITHIN THOSE FOR SOIL CLASS C.		10%	Require analysis
<u>CONTAMINATED SOIL (as follows):</u> SOIL CLASS C (CONTAMINATED SOIL)		10%	Require analysis
<u>MIXED WASTES (GROUP 3) (as follows):</u> MIXED PERMITTED WASTE TYPES FROM GROUP 1 AND/OR GROUP 2 AND/OR GROUP 3		100%	Provided proportion of particular waste type does not exceed maximum permitted weekly % for that waste type
MIXED PERMITTED WASTE TYPES FROM GROUP 3 ONLY		100%	Provided proportion of each particular waste type does not exceed maximum permitted weekly % for that waste type

ANNEX A CONTINUED.....PERMITTED WASTE TYPES (CONDITIONS B1 AND B2)

GROUP 4

MAXIMUM TOTAL DAILY INPUT OF GROUP 4 WASTES: NOT EXCEEDING 15 TONNES/DAY
 MAXIMUM DAILY INPUT OF EACH WASTE TYPE FROM GROUP 4: AS SPECIFIED BELOW (CONDITION B1(b))
 NOTE: MAXIMUM TOTAL DAILY INPUT OF ALL PERMITTED WASTES TO ENTIRE SITE IS 240 TONNES/DAY

CONTAMINATION LEVELS:
 THE MAXIMUM PERMITTED CONTAMINATION LEVELS FOR WASTE TYPES IN THIS GROUP OF THOSE CONTAMINANTS SPECIFIED IN ANNEX B ARE THE
 MAXIMUM LEVELS FOR SOIL CLASS A.

THE WASTE TYPES PERMITTED FROM GROUP 4 AND THE MAXIMUM WEEKLY INPUT EXPRESSED AS A PROPORTION OF THE TOTAL WEEKLY INPUT OF GROUP 4 WASTES
 TO THE SITE ARE AS FOLLOWS:-

GROUP 4 WASTE TYPES (solids only permitted)	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 4 wastes to site)	CONDITIONS/COMMENTS
ASBESTOS LAGGING - ALL FORMS		2.5%	
ASBESTOS FIBRE/POWDER		2.5%	
ASBESTOS SHEET/PIPING, COMPOSITE/BONDED		10%	
MIXED WASTES (GROUP 4) (as follows):		2.5%	
MIXED PERMITTED WASTE TYPES FROM GROUP 4 ONLY		100%	Provided proportion of each particular waste type does not exceed maximum permitted weekly % for that waste type. Asbestos waste must be inherently component of mixed wastes and must not exceed 2.5% w/w of mixture.
MIXED PERMITTED WASTE TYPES FROM GROUP 1 AND/OR GROUP 2 AND/OR GROUP 3 AND GROUP 4			

GROUP 5

ANNEX A CONTINUED.....PERMITTED WASTE TYPES (CONDITIONS B1 AND B2)

MAXIMUM TOTAL DAILY INPUT OF GROUP 5 WASTES: NOT EXCEEDING 15 TONNES/DAY
MAXIMUM TOTAL DAILY INPUT OF EACH TYPE FROM GROUP 5 AS SPECIFIED BELOW (CONDITION B1(b))

NOTE: MAXIMUM TOTAL DAILY INPUT OF ALL PERMITTED WASTES TO ENTIRE SITE IS 240 TONNES/DAY

CONTAMINATION LEVELS:

THE MAXIMUM PERMITTED CONTAMINATION LEVELS FOR WASTE TYPES IN THIS GROUP OF THOSE CONTAMINANTS SPECIFIED IN ANNEX B ARE THE MAXIMUM LEVELS FOR SOIL CLASS E.

THE WASTE TYPES PERMITTED FROM GROUP 5 AND THE MAXIMUM WEEKLY INPUT EXPRESSED AS A PROPORTION OF THE TOTAL WEEKLY INPUT OF GROUP 5 WASTES TO THE SITE ARE AS FOLLOWS:-

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (X w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
INORGANIC ACIDS:			
pH < 4.0		NOT PERMITTED	
pH > 4.0, EXCEPT WHERE SPECIFICALLY PERMITTED UNDER OTHER WASTE TYPES IN GROUPS 1 TO 5		NOT PERMITTED	
ORGANIC ACIDS AND RELATED COMPOUNDS:			
pH < 4.0		NOT PERMITTED	
pH > 4.0, EXCEPT WHERE SPECIFICALLY PERMITTED UNDER OTHER WASTE TYPES IN GROUPS 1 TO 5		NOT PERMITTED	
ALKALIS:			
pH > 9.0		NOT PERMITTED	
pH < 9.0, AS FOLLOWS:			
HYDROXIDES OF SODIUM, POTASSIUM OR CALCIUM		NOT PERMITTED	
OXIDES OF SODIUM, POTASSIUM OR CALCIUM		NOT PERMITTED	
Group 5 Wastes Continued...			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
CARBONATES OF SODIUM, POTASSIUM OR CALCIUM		NOT PERMITTED	
AMMONIA		NOT PERMITTED	
PROPRIETARY ALKALINE CLEANERS		NOT PERMITTED	
ALKALI METAL PHOSPHATES		NOT PERMITTED	
METALS AND INORGANIC METAL COMPOUNDS (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
ALUMINIUM		NOT PERMITTED	
ALUMINIUM COMPOUNDS		NOT PERMITTED	
BARIUM AND BARIUM COMPOUNDS		NOT PERMITTED	
BERYLLIUM AND BERYLLIUM COMPOUNDS		NOT PERMITTED	
BORON AND BORON COMPOUNDS		NOT PERMITTED	
CADMIUM AND CADMIUM COMPOUNDS		NOT PERMITTED	
CALCIUM AND CALCIUM COMPOUNDS		NOT PERMITTED	
CHROMIUM		NOT PERMITTED	
CHROMIUM COMPOUNDS		NOT PERMITTED	
COBALT AND COBALT COMPOUNDS		NOT PERMITTED	
COPPER		NOT PERMITTED	
COPPER COMPOUNDS		NOT PERMITTED	
IRON AND IRON COMPOUNDS		NOT PERMITTED	
LEAD AND LEAD COMPOUNDS		NOT PERMITTED	
MAGNESIUM AND MAGNESIUM COMPOUNDS		NOT PERMITTED	
(Group 5 Wastes Continued...)			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
MERCURY AND MERCURY COMPOUNDS		NOT PERMITTED	
MOLYBDENUM AND MOLYBDENUM COMPOUNDS		NOT PERMITTED	
NICKEL AND NICKEL COMPOUNDS		NOT PERMITTED	
OSMIUM AND OSMIUM COMPOUNDS		NOT PERMITTED	
PHOSPHORUS		NOT PERMITTED	
PHOSPHORUS COMPOUNDS		NOT PERMITTED	
POTASSIUM AND POTASSIUM COMPOUNDS		NOT PERMITTED	
SILVER AND SILVER COMPOUNDS		NOT PERMITTED	
SODIUM		NOT PERMITTED	
SODIUM COMPOUNDS		NOT PERMITTED	
THALLIUM AND THALLIUM COMPOUNDS		NOT PERMITTED	
TIN AND TIN COMPOUNDS		NOT PERMITTED	
TITANIUM AND TITANIUM COMPOUNDS		NOT PERMITTED	
TUNGSTEN AND TUNGSTEN COMPOUNDS		NOT PERMITTED	
ZINC AND ZINC COMPOUNDS		NOT PERMITTED	
ZIRCONIUM AND ZIRCONIUM COMPOUNDS		NOT PERMITTED	
METALLOID ELEMENTS AND COMPOUNDS (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
ANTIMONY AND ANTIMONY COMPOUNDS		NOT PERMITTED	
ARSENIC AND ARSENIC COMPOUNDS		NOT PERMITTED	
BISMUTH AND BISMUTH COMPOUNDS		NOT PERMITTED	
(Group 5 Wastes Continued...)			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
SELENIUM AND SELENIUM COMPOUNDS		NOT PERMITTED	
TELLURIUM AND TELLURIUM COMPOUNDS		NOT PERMITTED	
ORGANIC COMPOUNDS (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
ORGANOHALOGEN COMPOUNDS		NOT PERMITTED	
ORGANO-METALLIC COMPOUNDS		NOT PERMITTED	
ORGANO-NITROGEN COMPOUNDS		NOT PERMITTED	
ORGANO-SULPHUR COMPOUNDS		NOT PERMITTED	
ORGANO-PHOSPHORUS COMPOUNDS		NOT PERMITTED	
PHENOLS, ANALOGUES AND DERIVATIVES		NOT PERMITTED	
PEROXIDES		NOT PERMITTED	
CHELATING COMPOUNDS		NOT PERMITTED	
PTHALATES		NOT PERMITTED	
SOLVENTS		NOT PERMITTED	
THINNERS		NOT PERMITTED	
MIXED SOLVENTS AND THINNERS		NOT PERMITTED	
PETROL, KEROSENE, DERV, FUEL OIL		NOT PERMITTED	
OTHER COMPOUNDS (INORGANIC OR ORGANIC) (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
CYANIDES (ALL TYPES)		NOT PERMITTED	
SULPHIDES		NOT PERMITTED	
(Group 5 Wastes Continued...)			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
SELENIDES		NOT PERMITTED	
TELLURIDES		NOT PERMITTED	
ARSENIDES		NOT PERMITTED	
OXIDISING COMPOUNDS		NOT PERMITTED	
CARBIDES AND ACETYLIDES		NOT PERMITTED	
POLYMERIC MATERIALS (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
PRECURSORS, MONOMERS AND PRODUCTS OF INCOMPLETE POLYMERISATION		20%	
FINISHED PRODUCTS AND MANUFACTURING SCRAPS		20%	
SCRAP RUBBER (EXCLUDING TYRES)		5%	
LATEX, LATEX/RUBBER SOLUTIONS/SUSPENSIONS		15%	
SYNTHETIC ADHESIVE WASTES		15%	
ION EXCHANGE RESIN WASTES		NOT PERMITTED	
FINE CHEMICALS:			
PHARMACEUTICALS		10%	
COSMETIC PRODUCTS		15%	
BIOCIDES, ETC:			
BIOCIDES		NOT PERMITTED	
PESTICIDES		NOT PERMITTED	
HERBICIDES		NOT PERMITTED	
(Group 5 Wastes Continued...)			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
FUNGICIDES		NOT PERMITTED	
MISCELLANEOUS CHEMICAL WASTES (except where specifically addressed under other waste types in Groups 1 to 5) (as follows):			
MIXED ORGANIC COMPOUNDS		NOT PERMITTED	
MIXED INORGANIC COMPOUNDS		NOT PERMITTED	
LABORATORY CHEMICALS		NOT PERMITTED	
UNIDENTIFIED CHEMICALS		NOT PERMITTED	
ORGANICS IDENTIFIED BY TRADE NAME ONLY		NOT PERMITTED	
INORGANICS IDENTIFIED BY TRADE NAME ONLY		2.5%	
FILTER MATERIALS, CONTAMINATED RUBBISH AND TREATMENT SLUDGE:			
USED FILTER MATERIALS (INCLUDING CARBON, KIESELGUHR)		15%	
CONTAMINATED RUBBISH (BAGS, SACKS, CONTAINERS)		20%	
PCB CONTAMINATED ITEMS		NOT PERMITTED	
INDUSTRIAL EFFLUENT TREATMENT SLUDGE		5%	
FILTER SCREENINGS		2.5%	
INTERCEPTOR WASTES, TARS, PAINTS, DYES AND PIGMENTS:			
TANK CLEANING SLUDGE		NOT PERMITTED	
INTERCEPTOR PIT WASTES		NOT PERMITTED	
PRINTING INDUSTRY WASTES (INK MANUFACTURE/USE)		50%	
(Group 5 Wastes Continued...)			

GROUP 5 WASTE TYPES (Solids only permitted, except where specifically permitted as liquid or sludge under "Conditions/Comments")	CODE	MAXIMUM PERMITTED WEEKLY QUANTITY (% w/w total weekly actual intake of Group 5 wastes to site)	CONDITIONS/COMMENTS
PAINT/VARNISH WASTES (MANUFACTURE/USE) DYESTUFFS WASTE DISTILLATION RESIDUES TAR, PITCH, BITUMEN AND ASPHALTS (EXCEPT AS WEATHERED TAR/BITUMEN AGGREGATE) ACID TARS		50%	
		15%	
		NOT PERMITTED	
		5%	
		NOT PERMITTED	
CONTAMINATED WASTES (GROUP 5) (as follows): WASTE TYPES OTHERWISE PERMITTED FROM GROUPS 1 TO 5 WITH CONTAMINATION LEVELS EXCEEDING THOSE SPECIFIED IN ANNEX B FOR SOIL CLASS C, BUT WITHIN THOSE SPECIFIED FOR SOIL CLASS D		NOT PERMITTED	
CONTAMINATED SOILS (as follows):			
SOIL CLASS D (HEAVILY CONTAMINATED SOIL)		NOT PERMITTED	Contamination levels defined in Annex B.
SOIL CLASS E (UNUSUALLY HEAVILY CONTAMINATED SOIL)		NOT PERMITTED	Contamination levels defined in Annex B.
MIXED WASTES (GROUP 5) (except where specifically addressed under other waste types in Group 5) (as follows):			
MIXED PERMITTED WASTE TYPES FROM GROUP 5 ONLY		10%	
MIXED PERMITTED WASTE TYPES FROM GROUP 1 AND/OR GROUP 2 AND/OR GROUP 3 AND/OR GROUP 4 AND GROUP 5		NOT PERMITTED	

ANNEX B: CONTAMINATION CLASSES A TO E - LIMITS OF RANGES FOR CONTAMINATION LEVELS FOR SOILS AND OTHER WASTES

Ranges of Permitted Contamination

Symbol	Determinand	Class A Leachability test	Class A Max	Class B Max	Class C Max	Class D Max	Class E Max
	pH (acid)	6.0	6	5	4	3	2
	pH (alkali)	8.0	8	9	10	11	12
		µg/l	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sb	Antimony	100	30	50	100	500	2,500
As	Arsenic	500	30	50	100	500	2,500
Ba	Barium	10,000	500	1,000	2,000	10,000	50,000
Be	Beryllium	250	5	10	20	50	250
B	Boron (available)	20,000	2	5	50	250	1,250
Cd	Cadmium	50	1	3	10	50	100
Cr	Chromium	500	100	200	500	2,500	12,500
Cu	Copper (available)	30,000	100	200	500	2,500	12,500
Pb	Lead (available)	500	200	500	1,000	5,000	25,000
Pb	Lead (total)	500	500	1,000	2,000	10,000	50,000
Mg	Magnesium	500,000	500	1,000	2,000	10,000	50,000
Mn	Manganese	500	500	1,000	2,000	10,000	50,000
Hg	Mercury	10	1	3	10	50	100
Ni	Nickel (available)	500	20	50	200	1,000	5,000
Se	Selenium	100	1	3	10	50	250
V	Vanadium	10,000	100	200	500	2,500	12,500
Zn	Zinc (available)	50,000	250	500	1,000	5,000	25,000
Zn	Zinc equivalent	50,000	250	500	2,000	10,000	50,000
SO ₄	Sulphate	2,500,000	2,000	5,000	10,000	50,000	250,000
S	Sulphur (free)	See sulphate	100	500	1,000	5,000	25,000
S	Sulphide	See sulphate	10	20	100	500	2,500
CN	Cyanide (free)	See cyanide (total)	1	5	50	100	500
	Cyanide (total)	500	5	25	250	500	2,500
	Ferricyanide	500	100	500	1,000	5,000	25,000
	Thiocyanate	500	10	50	100	500	2,500
	Coal Tar	100	500	1,000	2,000	10,000	50,000
	Phenols	5	1	5	50	250	1,250
	Toluene extract	100	5,000	10,000	50,000	250,000	500,000
	Cyclohexane extract	100	2,000	5,000	20,000	100,000	500,000
	PCB	0.01	1.0	5	10	20	50
	Polyaromatics	2	50	500	1,000	5,000	25,000
	Chlorinated solvents	30	1	3	10	50	250

Notes:

- (1) Contamination Classes:
 - Contamination Class A: Uncontaminated
 - Contamination Class B: Slightly contaminated
 - Contamination Class C: Contaminated
 - Contamination Class D: Heavily contaminated
 - Contamination Class E: Unusually heavily contaminated
- (2) In the event of a measured contamination level falling exactly on the boundary of two Contamination classes, the upper (more heavily contaminated) Contamination class should be assumed.
- (3) In the cases of Contamination Class D (heavily contaminated) and Contamination Class E (unusually heavily contaminated) an analysis must be carried out to determine whether the contaminated soil or other waste

material is a Special Waste and, if so, the disposal carried out in accordance with the requirements of the "Control of Pollution (Special Waste) Regulations 1980".

- (4) Unless specifically stated otherwise, contamination levels are for total concentration of containment.
- (5) Zinc equivalent: Combination of copper, nickel and zinc.
- (6) Leachate tests performed to determine whether wastes otherwise determined to be Class B to E may be considered to be Class A must be carried out using DIN 38 414 - S4, followed by analyses for the parameters specified under 'Class A Leachate' above, against the maximum contamination levels listed.

(Maximum concentrations derived from The Water Supply (Water Quality) Regulations 1989, i.e. Maximum concentration = 10 x Maximum Concentration for drinking water quality; extrapolated where necessary for those parameters not cited in Regulations.)
- (7) With the exception of surface water monitoring for pH and conductivity, all analyses to be carried out by NAMAS-accredited laboratory, or recognised equivalent.
- (8) For contaminants which are not specified in the above table, the soil or other waste material should be considered as the specific waste type from Group 5, on the basis of the worstcase contaminant detected in the analysis.

ANNEX C: ANALYSIS OF SAMPLES OF WASTE

1. TESTS AND METHODS OF ANALYSIS

Unless otherwise specifically agreed in writing with the Waste Regulation Authority and specified in detail in the Working Plan, the following tests and methods of analysis shall be used in any analyses of wastes carried out in accordance with Conditions C1(b), D1(d) and D3(d) of this licence.

PARAMETER	FULL ANALYSIS	SOIL ANALYSIS	REFERENCE METHOD
pH	Standard Reference Electrode adjusted to 25°C	Standard Reference Electrode adjusted to 25°C	
ACID/ALKALI STRENGTH	Titrimetric Analysis		
FLAMMABILITY			
FLASHPOINT	Closed cup method (Seta-Flash)		
SPECIFIC GRAVITY	Hydrometer at 15.5°C		
REACTIVITY/ COMPATIBILITY WITH: (a) ACIDS (b) ALKALIS (c) WATER (d) OTHER SUBSTANCES RELEVANT TO WASTE TYPE	Test exothermic reaction leading to temperature rise (°C).		
	Test release of noxious gases using Draeger tubes.		
APPEARANCE/ODOUR	Observe: (a) No of phases (liquids). (b) Homogeneity (solids). (c) Presence of: (i) Toxic vapours; (ii) Noxious vapours/odours; (iii) Slight odours.		
COMPONENTS - HEAVY METALS, ETC	Atomic Absorption Spectrophotometer (AAS) or Mass Spectrophotometer (MS) or Gas Liquid Chromatography (GLC)	As per Annex B	

Continued...

2. LEACHATE TEST FOR ANALYSIS OF SOLID WASTES

Where the waste being tested is in solid form and the relevant test is required to be carried out on a liquid, the method to be used will be the proposed "ASTM Leaching of Waste Materials Test" as specified in the National Sanitation Foundation Report on Leachate Testing of Hazardous Chemicals from Stabilised Automotive Wastes (January 1979), subject to the following modifications.

2.1 Method

A distilled water-shake extraction procedure shall be used.

2.2 Procedure

2.2.1 Shake Procedure

- (a) A sample of 500g of waste material which shall be representative of the whole contents of the load shall be taken. The sample shall be ground, coned and quartered to obtain a representative sample of 150g of material passing a 1mm sieve. Any material not passing the specified sieve shall be retained and may be separately examined.
- (b) Use approximately 100g of the ground material, and determine and record the weight of the sample used to an accuracy of $\pm 1g$.
- (c) Add a volume of test water equal in millilitres to four times the weight in grams of the sample used in (b).

2.3 Analysis

2.3.1 The aqueous filtrate shall be analysed for specified parameters using the specified analytical methods as defined in the above table (or such recognised similar tests producing equivalent results as may have been previously agreed in writing with the Waste Regulation Authority and specified in the Working Plan).

2.3.2 Where non-aqueous liquid is present it shall be separately analysed as specified in 2.3.1.

2.4 Calculation of Results

2.4.1 All results shall be reported in terms of milligrams per litre of filtrate.

ANNEX D : ANALYSIS OF SAMPLES OF SURFACE WATER

PARAMETER	UNITS	FREQUENCY OF SAMPLING AND ANALYSIS PER SAMPLING POINT	BLUE BOOK NUMBER	METHOD TITLE AND YEAR
		SURFACE WATER (a) Discharge from site (b) Perimeter ditches		
Conductivity	uS/cm	Daily	13	The Measurement of Electrical Conductivity and Laboratory Determination of the pH value of Natural, Treated and Waste Waters (1978).
pH Value	-	Quarterly	13	The Measurement of Electrical Conductivity and Laboratory Determination of the pH value of Natural, Treated and Waste Waters (1978).
COD (Chemical Oxygen Demand)	mg/l	Quarterly	3	Chemical Oxygen Demand of Polluted and Waste Waters (1977).
Ammoniacal nitrogen	mg/l	Quarterly	47	Ammonia in Waters (1980).
Nitrate nitrogen	mg/l	Quarterly	47	Ammonia in Waters (1980).
Nitrite nitrogen	mg/l	Quarterly	47	Ammonia in Waters (1980).
o-Phosphate Chloride Sulphate	mg/l	Quarterly	38	Phosphorus in Waters by Atomic Spectroscopy (1980). Analysis of Raw, Potable and Waste Waters (1972). Analysis of Raw, Potable and Waste Waters (1972).
Sodium	mg/l	Quarterly	35	Sodium in Waters by Atomic Spectroscopy (1980).
Potassium	mg/l	Quarterly	36	Potassium in Waters by Atomic Spectroscopy (1980).
Magnesium	mg/l	Quarterly	7	Magnesium in Waters by Atomic Spectroscopy (1977).
Calcium	mg/l	Quarterly	8	Calcium in Waters by Atomic Spectroscopy (1977).
Chromium	mg/l	Quarterly	27	Chromium in Waters by Atomic Spectroscopy (1980).
Manganese	mg/l	Quarterly	10	Manganese in Waters by Atomic Spectroscopy (1977).
Iron	mg/l	Quarterly	9	Iron in Waters by Atomic Spectroscopy (1977).
Nickel	mg/l	Quarterly	46	Nickel in Waters by Atomic Spectroscopy (1981).
Copper	mg/l	Quarterly	31	Copper in Waters by Atomic Spectroscopy (1980).
Zinc	mg/l	Quarterly	32	Zinc in Waters by Atomic Spectroscopy (1980).
Cadmium	mg/l	Quarterly	2	Cadmium in Waters by Atomic Spectroscopy (1976).
Lead	mg/l	Quarterly	1	Lead in Waters by Atomic Spectroscopy (1976).
Mercury	mg/l	Quarterly	11	Mercury in Waters by Atomic Spectroscopy (1978).
Arsenic	mg/l	Quarterly	17	Arsenic in Waters by Atomic Spectroscopy (1978).
Total Cyanide	mg/l	Quarterly		Analysis of Raw, Potable and Waste Waters (1972).
Monohydric phenols	mg/l	Quarterly	50	Phenols in Waters and Effluents by GLC (1981).
Organochlorines	mg/l	Quarterly	94	The Determination of Organochlorine Insecticides

ANNEX E: SCHEDULE OF SITE RECORDS

SUBJECT	RECORD	DETAILS	PARAMETERS	UNITS	FREQUENCY	SUBMISSION TO WRA	
						FREQUENCY	DEADLINE
WASTE INPUTS	RECORDS	TYPE OF WASTE	Annex A		ONE/LOAD	ON REQUEST	ON REQUEST
		QUANTITY OF WASTE	WEIGHT	TONNES			
		PERSON/COMPANY					
		SOURCE					
		TIME AND DATE					
		REGISTRATION NUMBER					
		DRIVER NAME					
		TYPES OF WASTE	Annex A				
	DAILY SUMMARY	TOTAL QUANTITY/TYPE	WEIGHT	TONNES	ONE/DAY	MONTHLY	WITHIN 10 WORKING DAYS FOLLOWING END OF WEEK
WASTE OUTPUTS	RECORDS	TYPE OF WASTE	Annex A		ONE/LOAD	ON REQUEST	ON REQUEST
		QUANTITY OF WASTE	WEIGHT	TONNES			
		PERSON/COMPANY					
		DESTINATION					
		TIME AND DATE					
		REGISTRATION NUMBER					
		DRIVER NAME					
		TYPES OF WASTE	Annex A				
	DAILY SUMMARY	TOTAL QUANTITY/TYPE	WEIGHT	TONNES	ONE/DAY	MONTHLY	WITHIN 10 WORKING DAYS FOLLOWING END OF WEEK

SUBJECT	RECORD	DETAILS	PARAMETERS	UNITS	FREQUENCY	SUBMISSION TO WRA	
						FREQUENCY	DEADLINE
ANALYSES OF SOIL AND OTHER WASTE	SOIL CONTAMINATED ABOVE SOIL CLASS A	SOIL ANALYSIS	AS PER ANNEX C: SOIL ANALYSIS		EACH SUSPECT LOAD	1/SAMPLE	WITHIN 1 CALENDAR MONTH OF SAMPLE BEING TAKEN
	WASTE CONTAMINATED ABOVE LEVEL FOR THAT GROUP	FULL ANALYSIS	AS PER ANNEX C: FULL ANALYSIS		EACH SUSPECT LOAD	1/SAMPLE	WITHIN 1 CALENDAR MONTH OF SAMPLE BEING TAKEN
	SPECIAL WASTES AND WASTES REQUIRING ANALYSIS UNDER ANNEX A	FULL ANALYSIS OR WASTE PRODUCER'S ANALYSIS			EACH LOAD	1/SAMPLE	
SURFACE WATERS	MONITORING	DISCRETE	CONDUCTIVITY	US/cm	DAILY/MONITORING POINT	MONTHLY	WITHIN 2 WEEKS FOLLOWING END OF MONTH
	ANALYSIS	RESULTS & SUMMARY INTERPRETATION	AS PER ANNEX D		QUARTERLY/MONITORING POINT	QUARTERLY	WITHIN 1 CALENDAR MONTH OF SAMPLES BEING TAKEN
TECHNICALLY COMPETENT/DEEMED TECHNICALLY COMPETENT MANAGER(S)	NAME(S) FOR EACH PART OF THE OPERATION	CERTIFICATE(S) (IF ANY)			QUARTERLY	QUARTERLY	WITHIN 2 WEEKS FOLLOWING THE END OF EACH QUARTER

SUBJECT	RECORD	SPECIAL WASTE REGULATIONS (1980)			FREQUENCY	SUBMISSION TO WRA	
		DETAILS	PARAMETERS	UNITS		FREQUENCY	DEADLINE
CHECKS ON SITE INFRASTRUCTURE INCLUDING SURFACE, BUNDING AND DRAINAGE	RECORD OF CHECKS	PROBLEMS NOTED AND REMEDIAL MEASURES TAKEN	N/A	N/A	WEEKLY	MONTHLY	WITHIN 2 WEEKS FOLLOWING END OF MONTH
SPECIAL WASTES	DAILY RECORDS	WASTE TYPE	ANNEX A	VOLUME/KILOS	EACH LOAD DELIVERED EACH STORAGE CONTAINER	MONTHLY	WITHIN TWO WEEKS FOLLOWING END OF MONTH
		QUANTITY	VOLUME/WEIGHT				
		CONDITION	DESCRIPTION				
		CONTAINER TYPE	CROSS-REFERENCE				
		CONTAINER CONDITION	TO CONSIGNMENT NOTE NUMBER				
		STORAGE LOCATION					

ANNEX F

NORTH WEST WASTE DISPOSAL AUTHORITIES - REGIONAL GROUPING CODE OF PRACTICE FOR THE DISPOSAL OF DRUMMED WASTES TO LANDFILL

1. INTRODUCTION

- 1.1 This Code of Practice is intended for the guidance of producers, carriers and disposers of drummed waste materials. The variety of materials which are disposed of in drums, and the range of physical form of the wastes, renders it impractical to try to cover every eventuality and permutation. In specific instances where doubt exists, the advice of the Waste Regulation Authority should be sought.

In particular, where a landfill site only accepts an occasional drum of waste, which in the opinion of the WRA is essentially innocuous, the WRA may, at its discretion, determine that the full requirements of the Code are inappropriate, and in such instances may agree that the procedures need not be followed into.

- 1.2 The Code is primarily intended to apply to waste contained in 200 litres (40-45 gallons) drums, of either side or end bung, or removable end variety. Additionally, in appropriate instances, the WRA may apply the Code to substantial arisings of larger or smaller containers of either metal or plastic construction.
- 1.3 The aim of the Code of Practice is to minimise the two major potential problems associated with the acceptance of drummed waste in quantity. These problems are:-
- (a) The need to ensure that the contents of each drum are in accordance with the description and that the material can be safely and satisfactorily deposited in the landfill in accordance with the conditions of the site licence or resolution.
 - (b) Where a landfill site accepts a significant proportion of drummed wastes, to ensure that the deposit of drummed materials does not adversely affect the long-term settlement of the site.

The first of these needs the provision of an inspection procedure for the drums on reception, whilst the second requires the operational methods of deposit to be related to the physical and chemical nature of the wastes.

- 1.4 The drum reception procedures outlined in paragraphs 2.1 to 2.5 are to be applied at all landfill sites except where the circumstances covered in paragraph 1.8 apply.
- 1.5 The use of drums for the containment and landfilling of liquid wastes is not considered to be good practice and waste producers should, wherever possible, be encouraged to adopt alternative methods. One such alternative is the bulking of similar or compatible liquids by transfer of contents of the drums into a tank vehicle for transport to the disposal site; this alternative should be considered for accumulation of drums in excess of ten.
- 1.6 The practice of landfilling uncrushed empty drums is also undesirable. Whilst it is recognised that the nature of the former contents of the drums may in some instances render disposal necessary, waste producers should be encouraged to consider whether a light process modification would enable the drums to be re-used, recycled or recovered as scrap metal.

Annex F continued....

- 1.7 This Code relates essentially to the disposal of wastes in sound drums. Where, due to neglect by the producer, or for other reason, the drums are seriously corroded or otherwise unsound, other considerations are involved. The condition of the drums will increase the potential hazard of inspecting the contents and may also render the handling and disposal on site more difficult and hazardous. Additionally, the presence of leaking drums may necessitate transport in skip vehicles, rendering on-site inspection more difficult. Where such a situation occurs, approval of the WRA must be given for any departure from the normal requirements of the Code.
- 1.8 The Code recognises that there may be situations in which it is appropriate to permit changes to these procedures to allow off-site inspection to be undertaken; some examples are given below:-
- (a) Where the site operator also operates a suitably licensed waste transfer station or similar facility and only receives drummed wastes onto the landfill which have been checked via that facility.
 - (b) Where the operator is undertaking a drum clearance operation at a producer's site and is able to undertake the drum inspection at the site or origin.
 - (c) Where a waste producer is operating an in-house site and can again undertake the drum checking away from the deposit site.

The common factor in these examples is the direct control which can be exerted by the disposal site operator over the drum inspection procedures.

2. DRUMMED RECEPTION PROCEDURES

- 2.1 The contents of each drum shall be tested, before release for on-site disposal, to match the contents with the description given and ensure that the contents are capable of safe disposal within the terms of the licence and to confirm the technique of disposal.
- 2.2 The inspection procedures of paragraph 2.1 will normally be undertaken at the disposal site. Where this is the case, the operator shall ensure that technically competent personnel undertake the inspection and that they are provided with adequate safety and testing equipment to enable them to carry out the inspection in a safe and satisfactory manner.
- 2.3 In all instances where the inspection procedures are likely to lead to delay and necessitate the temporary storage of either drums awaiting inspection or drums which have been rejected as unsuitable for disposal, a drum reception and storage area shall be provided. The reception area should be sited so as not to impede other site operations.
- 2.4 Details of the design and construction of the reception and storage area shall be provided as part of the Working Plan for the site and may additionally be conditioned in the site licence. The storage area shall be constructed with an impermeable base, and be bunded to contain spillages and/or contaminated rainwater for approved disposal. Provision may also be required for compartmenting to cater for temporary storage of incompatible materials. Where overnight storage is required, the WRA may require additional security fencing of the reception area to supplement the existing peripheral site fencing.

Annex F continued....

- 2.5 To enable the reception and inspection procedures of paragraph 2.1 to 2.3 to be organised in an efficient manner, the operator shall maintain a booking-in system for drummed wastes, in which a waste producer or carrier gives advance notification to the site operator, of their intention to bring a load to the site and also provide a description of the intended waste.
- 2.6 As noted in paragraph 1.4 where there may be certain circumstances in which the site operator wishes to arrange for the drum inspection to be carried out at some point remote from the deposit site. This shall only be with the approval of the WRA, who will ensure that the standard of inspection of the contents of the drum is at least as good as that which could be achieved by the procedures given in paragraphs 2.1 to 2.3. Each drum from the remote inspection point shall be properly marked and accompanied by documentary evidence of inspection.

ANNEX G : TESTING OF LIQUIDS IN BUNDS

1. Any water or other liquid which collects in any of the bunds shall be subjected to the following tests prior to discharge:
 - 1.1 A 100ml representative sample of the liquid shall be transferred to a clear glass measuring cylinder and shall be allowed to stand for a minimum of 5 minutes. The following information shall then be recorded:
 - (a) date;
 - (b) location and time of sample;
 - (c) name of person taking sample;
 - (d) name of person carrying out test;
 - (e) total height of liquid in measuring cylinder;
 - (f) height of aqueous layer;
 - (g) height of organic layer;
 - (h) presence and nature of odour.
2. Liquids for which the above test either:
 - (i) show the presence of an organic layer; or
 - (ii) smell of solvent,shall not be discharged to drain, but shall be removed to a suitably licensed site for disposal.

Signed on behalf of the Greater Manchester Waste Regulation Authority

A handwritten signature in black ink, appearing to read 'R. Clapton', with a stylized flourish underneath.

R Clapton

Acting Chief Waste Regulation Officer

Date: 5 January 1994

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