



PERMIT



**ENVIRONMENT
AGENCY**

Permit with introductory note

Pollution Prevention and Control Regulations 2000

**Advance Waste Management Ltd
Holbrook Rise
Halfway
Sheffield
S. Yorks S20 3FG**

Permit number

BJ8901

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Introductory note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control Regulations 2000 (S.I.2000 No.1973) ("the PPC Regulations") to operate an installation carrying out one or more of the activities listed in Part 1 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the PPC Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this permit

The main purpose of the activities at the installation is the storage and transfer of waste materials prior to third party disposal. The activities are three fold;

1. The acceptance, verification, segregation and storage of packaged waste materials pending final disposal.
2. Blending of compatible aqueous waste streams into bulk storage tanks, before removal of the bulked contents by tanker to various third party disposal sites.
3. Decontamination of re-usable drums and IBC's (intermediate bulk containers) resulting from the bulking operations. These containers shall be reused (subject to conditions and ensuring they are within the normal UN classified lifetime) or recycled.

There is one point source emission to atmosphere on the installation. The emission arises from contaminated air displaced during the filling of the two bulk storage tanks on site. The emission arises when the tanks are being filled and also occurs with changes in temperature. Abatement equipment has been installed at the emission point to minimise the potential release of VOC's. The environmental implications from the point source emission are considered to be low. There are no emissions to surface water, sewer or groundwater from the installation.

Further information on the installation can be found in the Non Technical Summary and main IPPC Application documents, including the working plan Rev. 1.3, written for the waste management licence application EA/WML65078. This information is held on the public register at the following office;

The Environment Agency Area Office, Phoenix House, Global Avenue, Leeds LS11 8PG

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
N/A	N/A	N/A

Other Agency Licences/Consents relating to this installation

Holder	Reference Number	Date of Issue
N/A	N/A	N/A

Superseded Licences/Consents/Authorisations relating to this installation

Holder	Reference Number	Date of Issue
Advance Waste Management Ltd	Waste Management Licence Number: EA/WML65078	31/10/00

Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1.

Confidentiality

The Permit requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

Status Log

Detail	Date	Comment
Application <i>BJ8901</i>	Received 29/12/00	
Response to request for information	Received 5/4/01	
Request to extend determination	N/A	
Permit <i>BJ8901</i>	Determined 12/12/01	
Application for variation	N/A	
Variation <i>XYZ 003</i>	N/A	
Application for Transfer	N/A	
Transfer <i>XYZ004</i>	N/A	

End of introductory Note.



Permit

Permit number

BJ8901

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973), hereby authorises

Advance Waste Management Ltd ("the Operator"),

whose *Registered Office* is

**Holbrook Rise
Halfway
Sheffield
S Yorks S20 3FG**

Company registration number 2971321

to operate an Installation at

**Holbrook Rise
Halfway
Sheffield
S Yorks S20 3FG**

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

Signed

Paul Aspinall

Authorised to sign on behalf of the Environment Agency

Date

Conditions

1 The permitted installation

- 1.1.1 The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1.1.1.

Table 1.1.1

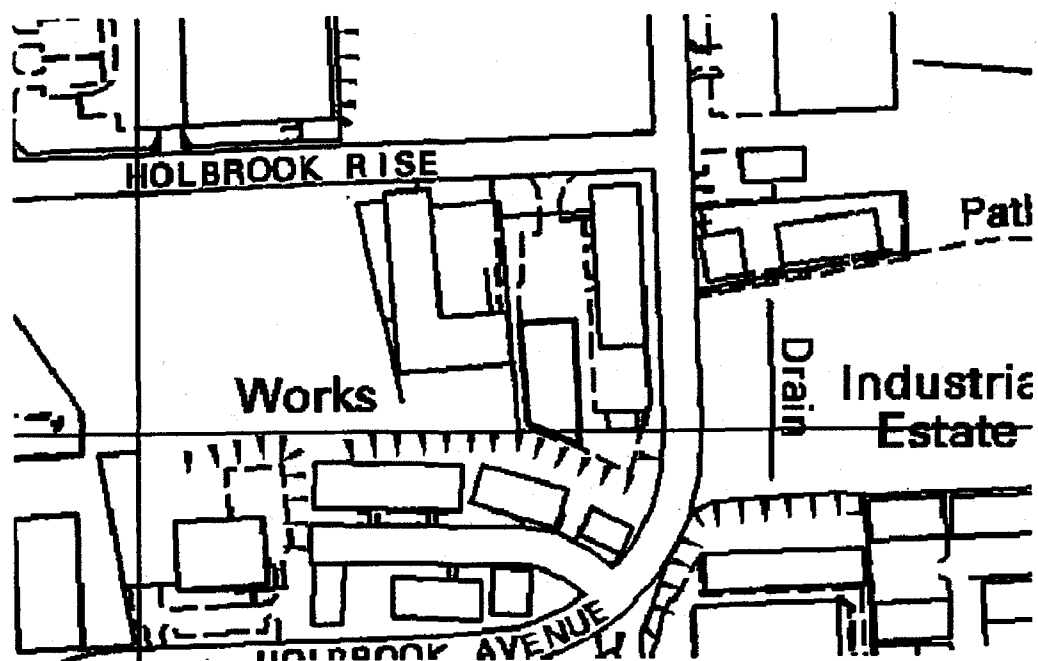
Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Limits of specified activity	
		Maximum storage Capacity	Maximum storage Time
The disposal of hazardous waste (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	No other waste treatment processes (other than those specified below) shall be carried out on site until these processes have been specified in detail and approved by the Agency.		
Disposal classification D9 (as listed in Part 111 of Schedule 4 of the Waste Management Licensing Regulations 1994):	Physico-chemical treatment of waste not listed elsewhere in this table which results in final compounds or mixtures which are disposed of on this site by means of any of the category 'D' operations authorised under this column, or elsewhere than on this site, by means of any of the operations listed in Part III of Schedule 4 of the 1994 Regulations.	200m ³	6 months
Disposal classification D13 (as listed in Part 111 of Schedule 4 of the Waste Management Licensing Regulations 1994):	Blending or mixture of waste prior to the waste being submitted on this site to any of the category 'D' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part III of Schedule 4 of the 1994 Regulations.	120 m ³	Continuous Bulking up

The permitted installation

Disposal classification D15 (as listed in Part 111 of Schedule 4 of the Waste Management Licensing Regulations 1994):	Storage pending, on this site any of the category 'D' operations authorised under this column, or elsewhere than on this site, any of the operations listed in Part III of Schedule 4 of the 1994 Regulations (excluding temporary storage, pending collection, on the site where it is produced).	Total = 200 m ³	6 months
		Individual waste limits: 60 m ³	6 months
		Except:	
		Pharmaceutical wastes: 5 m ³	12 months
		Liquid CFC bearing waste: 20 m ³	6 months
		Wastes with H3-A hazard code: 20 m ³	6 months
		And	
		Asbestos wastes: 14 yd ³	12 months
		Waste batteries: 5 tonnes	6 months

1.1.2

The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in red on the plan below



1.1.3

Pre-operational

There are no pre-operational conditions.

2 Operational Matters

2.1 *Management techniques and control*

- 2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency.

Table 2.1.1 : Management and control

Description	Parts	Date Received
Response to Schedule 4 Part 1 Notice Response	Response to questions 3 Document Ref B2.1A.	5/4/01

- 2.1.2 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition.
- 2.1.3 The permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.
- 2.1.4 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.
- 2.1.5 All staff shall be fully conversant with those aspects of the Permit conditions, which are relevant to their duties and shall be provided with appropriate training and written operating instructions to enable them to carry out their duties.
- 2.1.6 Where Regulation 4 of the Regulations applies to an activity/associated activity carried on at the Permitted Installation,
- a any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as prescribed under Section 74 of the Environmental Protection Act 1990.
 - b in the event the Operator and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days of conviction, whether or not the conviction is subsequently appealed. Such details shall include , in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, any sentence, and any fine or other penalty imposed; and
 - c In the event that the Operator and/or any relevant person lodges an appeal against any such conviction, the permit holder shall notify the Agency of this within 14 days of the lodging. The Operator shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided; and

- d The financial provision for meeting the obligations under this Permit set out in the Agreement made between the Licence Holder and the Agency dated 12 December 2001 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 Agency.

2.2 *Raw materials*

- 2.2.1 The Operator shall, subject to the conditions of this Permit, use raw materials as described in the documentation specified in Table 2.2.1, or as otherwise agreed in writing by the Agency.

Table 2.2.1 : Raw materials

Description	Parts	Date Received
Additional information	Document reference B2.2B	19/11/01

Permitted Waste Types and Quantity

- 2.2.2 Subject to the conditions of this permit, wastes shall only be accepted on the site if they are:

- specified in the list of defined types of waste in Table 2.2.2 and
- are not listed in Table 2.2.3 as an excluded waste, due to the specified characteristics
- are accepted in accordance with the list of waste types and quantities, and the waste acceptance procedures and criteria, as described in writing by the Agency.

Table 2.2.2 Defined types of waste which may be accepted on the site

Description	European Waste Catalogue (EWC)
Hydrochloric acid	060102 / 110106 / 200114
Nitric acid	060105 / 110106 / 200114
Phosphoric acid	060104 / 110106 / 200114
Aliphatic Acids	060199 / 110106 / 200114
Acid anhydrides	060199 / 200114
Chlorates, perchlorates, bromates, iodates, periodates, persulphates and permanganates.	160502
Calcium oxide	060299 / 060401 / 060399
Calcium Hydroxide	200115 / 060201 / 190201 / 200115
Cadmium compounds	110401 / 200106
Lead compounds	170403 / 200106
Copper compounds	170401 / 200106
Barium compounds	200106
Nickel compounds	200106 / 070105 / 070205 / 070305 / 070405 / 070505 070605 / 070705
Silver compounds	090107 / 200106 / 070105 / 070205 / 070305 / 070405 070505 / 070605 / 070705
Iron compounds	170405 / 200106 / 120101 / 120102

Titanium compounds	120103 / 200102, 070105 / 070205 / 070305 / 070405 070505 / 070605 / 070705
Sulphonic acids	060199 / 200114 / 110106
Chromates	060405
Contaminated water	190701 / 190801
Arsenates and arsenites	100403
Borates	110401
Mineral oils including oily rags	130601
Fuel oil	130601
Metal scrap	200106
Phenolic sludge	080405
Epoxy resins (not finished products)	200112
Phenol — Formaldehyde resin	200112
Other resins & polymeric materials	200112
Latex & rubber solutions	200112
Ion — exchange resin wastes	190905
Tar, pitch, bitumen and asphalts	170301
Waste treated timber	030199 / 030199
Detergents	200116
Aliphatic hydrocarbons	070101 / 070104 / 070201 / 070204 / 070301 / 070304 070401 / 070404 / 070501 / 070504 / 070601 / 070604 070701 / 070704 / 080102 / 080107 / 080302 / 080306 080402 / 080406 / 080199 / 080299 / 080399 / 080499 140105
Phenols, analogues and derivatives	160503
Organic Peroxides	160503
Trichloroethylene	070103 / 070107 / 070203 / 070207 / 070303 / 070307 070403 / 070407 / 070503 / 070507 / 070603 / 070607 070703 / 070707 / 080101 / 080106 / 080199 / 080299 080301 / 080305 / 080401 / 080405
Trichloroethane	070103 / 070107 / 070203 / 070207 / 070303 / 070307 070403 / 070407 / 070503 / 070507 / 070603 / 070607 070703 / 070707 / 080101 / 080106 / 080199 / 080299 080301 / 080305 / 080401 / 080405
Tetra ethyl lead	060405
Amines & amides	160502
Nitrites	060308
Organophosphorus compounds	060999

Esters	070104
Mineral oils	130601 / 050105
Fuel Oil	130601 / 050105
Oil / Water	130601 / 050105 / 130202 / 130106
Paint Waste	200112 / 080101 - 10 / 080199
Food Waste	200108
Aerosols / Gas Cylinders	160501

Sulphuric acid	060101 / 110106 / 200114
Chromic acid	060199 / 110106 / 200114
Hydrofluoric acid	060103 / 110105 / 110106 / 200114
Aromatic acids	060199 / 110106 /
Acid chlorides	060199
Sodium/Potassium Oxide/Hydroxide	060202
Ammonia	060203
Sodium/Potassium, carbonates	060301
Mercury compounds	060404
Arsenic compounds	060403
Zinc compounds	170404
Thallium compounds	060499
Vanadium compounds	060499
Iron compounds	170405
Ammonium, salts	060310
Hypochlorites & chlorites	060299
Inorganic Peroxides	160503
Fluorides, silicofluorides, borofluorides	060403
Carbides and acetylides	160503
Nitrites	060308
Kerosene and derv	130601
Oil/Water mixtures	130601
Cement	170101
Isocyanates - reacted	200112
Polyester resins (not finished product)	200112
Polyurethane	200112
Scrap rubber (including tyres)	160103
Synthetic adhesive wastes	200112

Acid. tars	050107
Cellulose wastes (natural/synthetic)	020103
Soap	200116
Lime powder	200115
Aromatic hydrocarbons	070101 / 070104 / 070201 / 070204 / 070301 / 070304 070401 / 070404 / 070501 / 070504 / 070601 / 070604 070701 / 070704 / 080102 / 080107 / 080302 / 080306 080402 / 080406 / 080199 / 080299 / 080399 / 080499 140105
Chlorinated phenols & analogues	160503
Halogenated cleaning compounds	070103
Perchloroethylene	070703
Trichlorotrifluoroethane	140101
Tetra methyl lead	170403
Nitro compounds	060308
Isocyanates	200112
Organosulphur compounds	060601
Ethers	070401
Alcohols	070104
Aldehydes & Ketones	070104
Batteries	200120
Vegetable Oil	200108
Fats, waxes, greases	200109
Asbestos	170105
Tannery waste	040199
Clinical Waste (Pharmaceutical)	160503
CFC Waste	140301

Table 2.2.3 Exclusion of Special Waste Types with Specified Hazard Characteristics

Hazard Code	Hazardous Properties
H1	Explosive
H9	Infectious
H10	Teratogenic
H11	Mutagenic
H12	Substances or preparations which release toxic or very toxic gases in contact with water, air or an acid
H14	Ecotoxic

2.2.3 The total quantity of waste accepted at the site per year shall not exceed 116,800 tonnes.

2.3 *Operating Techniques*

2.3.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.3.1, or as otherwise agreed in writing by the Agency.

Table 2.3.1: Operating techniques

Description	Parts	Date Received
Additional information	Document Ref B2.3A (3)	19/11/01

Provision and maintenance of site containment and drainage systems

2.3.2 The engineered site containment and drainage systems shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose and to meet the standards in the following documents listed below:

A0001 Survey of Existing Premises
A0002 Proposed Repair Details
A0003 Construction Details & Notes
A0004 Proposed Ramp to Waste Transfer Compound
A0007 Transfer Station General Arrangement & Safety Equipment
A0008 Tank General Arrangement & Circulation Valves (dated March 2001)
A009 Proposed Air Filtration Schematic diagram

showing:

- a** Layout of areas of hardstanding;
- b** Layout of areas of impermeable pavement; and
- c** Layout of drainage systems, including details of following, where provided:
 - i** kerbing;
 - ii** interceptors ;
 - iii** discharge points ;
 - iv** sumps;
 - v** sealed drainage;
 - vi** isolation systems;
- d** Location and layout of covered buildings and roofed areas, where provided;
- e** Location and design of fixed tanks – above ground and underground – where provided, with layout of bunds and impermeable pavements or other engineered secondary containment;
- f** Location and layout of storage areas for drums and other mobile tanks and containers holding potentially polluting or hazardous wastes in liquid, sludge or powder form with layout of silled or bunded areas and impermeable pavements.

Potentially polluting leaks and spillages from vehicles, plant and equipment

- 2.3.3 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations].

Potentially polluting leaks and spillages from fixed tanks

- 2.3.4 Each tank used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations] shall be:

- a** loaded and unloaded in accordance with specified filling and emptying procedures;
- b** clearly and unambiguously labelled regarding its contents;
- c** provided with means for measuring the quantity of material and the void space in the tank, which shall be maintained and calibrated as specified;
- d** monitored for quantity of material and void space and the monitoring measurements recorded;
- e** inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- f** in the event of damage or deterioration to a tank that is, or is likely to cause, a leak, that tank shall be repaired immediately;

and these actions shall be carried out in accordance with section 4.151 of the working plan.

Potentially polluting leaks and spillages from drums and other mobile containers

- 2.3.5 Each drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, [or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations] shall be, while on the site:

- a** loaded and unloaded in accordance with the specified handling procedures;
- b** filled and emptied in accordance with the specified filling and emptying procedures;
- c** clearly and unambiguously labelled regarding its contents, date and hazardous properties;
- d** inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded;
- e** in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;
- f** and these actions shall be carried out in accordance with section 4.151 of the working plan.

Control and remediation of leaks and spillages

- 2.3.6 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, in accordance with section 4.151 of the working plan.

- 2.3.7 *Leak and spillage action plan*

In the event of any leak or spillage which may compromise the effectiveness of the pollution control regime and which either is leading or may imminently lead to significant pollution, a Leak and Spillage Action Plan shall be implemented immediately and recorded, in accordance with section 4.151 of the working plan.

2.3.8 *Control, monitoring and reporting of dusts, fibres and particulates*

- a** Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of dusts, fibres and particulates from the site, in accordance with this condition and section 6.010 of the working plan.
- b** All emissions to air from the specified waste management operations on the site shall be free from visible concentrations of dusts, fibres or particulates as are likely to cause significant pollution, as perceived by an authorised officer of the Agency.
- c** In the event that any dusts, fibres or particulates arising from the site are released or are likely to be released outside the site boundary in such quantities or concentrations that they are likely to cause significant pollution, the actions specified in section 6.010 of the working plan shall be implemented immediately.

2.3.9 *Control of odours*

- a** All emissions to air from the specified waste management operations on the site shall be free from odours at levels as are likely to cause significant pollution, as perceived by an authorised officer of the Agency.
- b** In the event that any odours arising from the site are released or are likely to be released outside the site boundary at such levels that they are likely to cause significant pollution the actions specified in section 6.020 of the working plan shall be implemented immediately.

2.4 *Groundwater Protection*

- 2.4.1** The Permitted Installation shall, subject to the conditions of this Permit be controlled as described in the documentation specified in Table 2.4.1 or as otherwise agreed in writing by the Agency.

Table 2.4.1 Groundwater Protection

Description	Parts	Date Received
Application	The response to question 2.4. given in section B2.4 of the application.	29/12/00

2.5 *Waste handling and storage*

- 2.5.1** The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Agency.

Table 2.5.1: Waste handling and storage

Description	Parts	Date Received
Application	The response to question 2.5. given in section B2.5 of the application.	29/12/00
Additional information	Document Ref B2.5 A (1)	21/6/01
Additional information	Document Ref B2.5C	21/6/01
Additional information	Document Ref B2.5D	21/6/01
Additional information	Document Ref B2.5E	20/11/01

2.5.2 Waste materials specified in Table 2.5.2 shall only be stored on the site in the location and manner specified in that Table.

TABLE 2.5.2: Waste stored on site

Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
Various	Reception Bay	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Corrosives	Bay 1 and 3	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Corrosives (oxidising)	Bay 2	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Empty drums	Bay 4	Empty of residual waste	Stored so that a visual inspection of all containers possible.
Low hazard	Bays 5,6,7	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Toxic	Bay 8 and 9	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Flammable liquid	Flammables store	Secure and fully sealed containers	Stored so that a visual inspection of all containers possible.
Aqueous liquid	Tank T1 and T2	Sealed tanks	

Waste acceptance procedures

2.5.3 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with sections 4.210, 4.701, 4.702, 4.704, 4.706 and 4.708 and method statements – Transfer Station Operations and Drum Bulking Operations in the working plan.

Waste control procedures

- 2.5.4 All wastes accepted at the site shall be handled, kept and recorded in accordance with sections 4.210, 4.701, 4.702, 4.704, 4.706 and 4.707 of the working plan and method statements – Transfer Station Operations and Drum Bulking Operations in the working plan.

Waste despatch procedures

- 2.5.5 All outgoing wastes shall be inspected, despatched and recorded in accordance with section 4.210 and method statements – Transfer Station Operations and Drum Bulking Operations in the working plan.

Incompatible wastes

- 2.5.6 All wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas, in accordance the standards specified in Table 2.5.6 below.

Table 2.5.6 Standards for waste acceptance and control procedures

Handling

Quarantine storage and rejection of wastes	Wastes which do not conform with the permitted waste types listed in condition 2.2.2 will be stored in quarantine and removed off site as soon as is practically possible and no later than 3 working days from their receipt.
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2.6 *Waste recovery and disposal*

- 2.6.1 The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 2.6.1, or as otherwise agreed in writing by the Agency.

Table 2.6.1: Waste recovery and disposal

Description	Parts	Date Received
Application	The response to question 2.6 given in section B2.6 of the application.	29/12/00

2.7 *Energy Efficiency*

- 2.7.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Agency.

Table 2.7 1: Energy efficiency

Description	Parts	Date Received
Additional information	Document B2.7.2B	25/05/01

2.8 *Accident prevention and control*

- 2.8.1** The Operator shall, subject to the conditions of this Permit, prevent and control accidents as described in the documentation specified in Table 2.8.1, or as otherwise agreed in writing by the Agency.

Table 2.8.1 : Accident prevention and control

Description	Parts	Date Received
Additional information	Document reference B2.8A	21/06/01

2.9 *Noise and vibration*

- 2.9.1** The Operator shall, subject to the conditions of this Permit, control noise and vibration as described in the documentation specified in Table 2.9.1, or as otherwise agreed in writing by the Agency.

Table 2.9.1 : Noise and vibration

Description	Parts	Date Received
Application	The response to question 2.9 given in section B2.9 of the application	29/12/00

Control of noise

- 2.9.2** Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition and section 6.030 of the working plan, to control and minimise the levels of noise from operations on the site beyond the site boundary. Noise levels arising from operations on the site shall not exceed the levels specified in section 6.030 of the working plan.

2.10 *Monitoring and sampling*

- 2.10.1** The Operator shall, subject to the conditions of this Permit, carry out, evaluate and assess monitoring and sampling as described in the documentation specified in Table 2.10.1, or as otherwise agreed in writing by the Agency.

Table 2.10.1 : Monitoring and sampling

Description	Parts	Date Received
Application	The response to question 2. given in B2.10 of the application	29/12/01
Response to Schedule 4 Part1 Notice Response	Response to questions 8. Document Ref B2.10A.	05/04/01

2.10.2 Where requested in writing by the Agency, the Operator shall provide at least 14 days advance notice of undertaking monitoring/spot sampling.

2.10.3 There shall be provided:

- a** safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2, unless otherwise specified in that Schedule and
- b** safe means of access to other sampling/monitoring points when required by the Agency.

2.11 *Decommissioning*

2.11.1 The Operator shall, subject to the conditions of this Permit, decommission the installation as described in the documentation specified in Table 2.11.1, or as otherwise agreed in writing by the Agency.

Table 2.11.1 : Decommissioning

Description	Parts	Date Received
Application	The response to question 2.11 given in section B2.11 of the application.	29/12/00

2.12 *Multi-operator Installation*

2.12.1 This is not a multi-operator installation.

3

Records

- 3.1.1 A record (a "Specified Record") shall be made of:-
- a** any malfunction, breakdown or failure of plant, equipment or techniques (including down time and any short term and long term remedial measures) that may have, has had or might have had an effect on the environmental performance of the Permitted Installation. These records shall be kept in a log maintained for that purpose;
 - b** all monitoring and sampling taken or carried out and any assessment or evaluation made on the basis of such data;
- 3.1.2 There shall be made available for inspection by the Agency at any reasonable time:
- a** Specified Records;
 - b** any other records made by the Operator in relation to the operation of the Permitted Installation ("Other Records")
- 3.1.3 A copy of any Specified or Other Records shall be supplied to the Agency on demand and without charge
- 3.1.4 Specified Records and Other Records shall:-
- a** be legible;
 - b** be made as soon as reasonably practicable;
 - c** indicate any amendments which have been made and shall include the original record wherever possible; and
- 3.1.5 Specified Records and Other Records shall be retained for a minimum period of 4 years from the date when the records were made at the installations office Holbrook Rise, Halfway, Sheffield, S20 3FG.
- 3.1.6 A record shall be kept of each load of waste accepted and each load of waste removed from site. This record shall include the following details:
- a.** Loads in: Nature (solid, sludge or liquid) waste type as specified under condition 2.2.2, quantity (tonnes), dates received, date accepted.
 - b.** Loads out: Nature (solid, liquid or sludge), waste type as specified under condition 2.2.2, quantity of waste removed (tonnes) and date removed.
- A summary record of the waste types accepted and removed from the site shall be made for each quarter of the financial year and shall be submitted to the Agency within 1 month following the end of the quarter. The summary record shall be in a format agreed by the Agency.
- 3.1.7 A record shall be made at the Permitted Installation of any complaints concerning the Installation's effect or alleged effect on the environment. The record shall give the date of complaint, time of complaint, a summary of any investigation and the results of such investigation. Such records shall be made in a log kept for this purpose.
- 3.1.8 A record shall be made at the Permitted Installation of the technically competent manager site attendance. The record shall be updated each working day. Such records shall be made in a log kept for this purpose.

4

Reporting

- 4.1.1 All reports and notifications required by this Permit shall be sent to the Environment Agency at the address notified in writing to the Operator by the Agency .
- 4.1.2 The Operator shall report the parameters listed in Table S2 to Schedule 2 as follows:
- a** in respects of the emission points specified;
 - b** for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
 - c** giving the information from such results and assessments as may be required by the forms specified in those Tables; and
 - d** sending the report to the Agency within 28 days of the end of the reporting period.
- 4.1.3 By not later than 31 January in each year, the Operator, shall; :
- a** complete a Pollution Inventory Form in respect of the operation of the Permitted Installation during the previous year, in accordance with the instructions and definitions included with the Form. This is in addition to any other requirements in this Permit for the reporting of annual emissions;
 - b** send the completed Pollution Inventory Form to the Agency, with 2 copies thereof; and
 - c** make a record of the calculations, estimations and assumptions made in determining the annual emissions reported on the Pollution Inventory Form. This record shall be retained for a period not less than 4 years.
- 4.1.4 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.

5

Notifications

- 5.1.1 The Operator shall notify the Agency without delay of:-
- a** the detection of an emission of any substance which exceeds any relevant limit or criteria in this Permit specified in relation to the substance;
 - b** the detection of any fugitive emission which has caused or may cause pollution unless the quantity emitted is so trivial that it would be incapable of causing pollution;
 - c** the detection of any malfunction, breakdown or failure of plant or techniques which has caused or may have the potential to cause pollution; and
 - d** any accident which has caused or may have the potential to cause pollution.
- 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1 in accordance with Schedule 1 to this Permit, by sending the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification. The Operator shall send the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;
- 5.1.3 The Operator shall give written notification as soon as practicable, of any of the following
- a** permanent cessation of the operation of any part of or all of the Permitted Installation;
 - b** cessation of the operation of any part of or all of the Permitted Installation for a period, likely to exceed 1 year; and
 - c** resumption of the operation of any part of or all of the Permitted Installation after a cessation.
- 5.1.4 The Operator shall notify the following matters to the Agency, in writing, within 14 days of their occurrence:
- a** *where the Operator is a registered company:*
 - i** any change in the Operator's trading name, registered name or registered office address;
 - ii** a change to any particulars of the Operator's ultimate holding company (including details of an ultimate holding company where the Operator has become a subsidiary);
 - iii** any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up.

6

Emissions6.1 *Emissions into air*

- 6.1.1 Emission to air from an emission point specified in Table 6.1.1 shall only arise from the source(s) specified in that Table.

Table 6.1.1: Emission points into air

Emission point reference/description	Source	Location of emission point
E1	Waste bulking tanks T1 and T2	Air Exit after abatement equipment shown as E1 on site plan A0009 dated March 2001

- 6.1.2 The limits for emissions into air for the parameter(s) and emission point(s) set out in Table 6.1.2 shall not be exceeded.

- 6.1.3 The Operator shall carry out monitoring of the parameters listed in Table 6.1.2, from the emission points and at least at the frequencies specified in that Table.

Table 6.1.2: Emission limits into air

Parameters	Emission Point E1
Volatile Organic Compounds (as carbon) mg m ⁻³	50
Frequency of monitoring	Twice weekly

- 6.1.4 Where an annual mass limit for a substance is stated in Table 6.1.4, the aggregate emission of such substance from the Permitted Installation into air from the emission point(s) specified in Table 6.1.2 shall not exceed that limit in any year.

Table 6.1.4 Annual mass limits

Substance	Limit – kg
VOC's	0.25

VOC monitoring action plan

- 6.1.5 In the event that any results exceed the trigger level specified in Table 6.1.2 above the results shall be notified to the Agency immediately and confirmed in writing immediately and the VOC action plan specified in section 5.103 of the working shall be implemented immediately.

6.2 *Emissions to land*

6.2.1 There shall be no emission to land from the Permitted Installation

6.3 *Emissions to water (other than emissions to sewer)*

There shall be no emission to water from the Permitted Installation

6.4 *Emissions to sewer*

6.4.1 No emission shall be made into any sewer from the Permitted Installation.

6.5 *Emissions of heat*

6.5.1 There are no specific conditions in relation to heat.

6.6 *Emissions of noise and vibration*

6.6.1 There are no specific conditions in relation to noise and vibration.

7 Transfers to effluent-treatment plant

7.1.1 No transfer from the Permitted Installation shall be made to effluent treatment plant.

8

Off site conditions

8.1.1 There are no off site conditions.

9 Improvement programme

9.1.1 The Operator shall complete the requirements specified in Table 9.1.1 by the date specified in that Table, and shall send written notification of the date of completion of each requirement to the Agency, at the Reporting Address, within 14 days of the completion of each such requirement.

Table 9.1.1: Improvement programme requirements

Reference	Requirement	Date
9.1	The Operator shall, within 36 months of the issue of this Permit, submit a report on potential environmental improvements to the Permitted Installation. For each of the subject areas identified in Section 2 of the appropriate technical guidance, the report shall assess the costs and benefits of alternative techniques that may provide environmental improvement. This shall include, but not be limited to, those techniques listed in guidance. The methodologies used should be based on those given in Agency guidance note E2 and should justify, against the BAT criteria, where potential improvements are not planned to be implemented. As part of their management system, the Operator shall submit an updated report <i>every 36 months</i>	12 January 2004
9.2	A report shall be sent to the Agency on establishing an Environmental Management System having regard to section 2.1 of the relevant IPPC Sectoral or other Technical Guidance. The report shall include any proposals to implement such a programme	31 January 2002
9.3	Fugitive emissions shall be reviewed on an annual basis and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them	12 December 2002
9.4	A review shall be undertaken of the documented system used to identify, assess and minimise the environmental risks and hazards of accidents and their consequences, having regard to section 2.8 of the relevant IPPC Sectoral or other Technical Guidance	1 July 2002
9.5	A noise and vibration assessment will be undertaken having regard to section 2.9 of the relevant IPPC Sectoral or other Technical Guidance	31 January 2002
9.6	A de-commissioning report shall be submitted having regard to section 2.11 of the relevant IPPC Sectoral or other Technical Guidance	31 January 2002
9.7	The waste acceptance procedure shall be reviewed and agreed with the Agency	1 March 2002
9.8	The Blending Control Procedure shall be reviewed and agreed with the Agency	1 March 2002

Interpretation

10.1.1 In this Permit, the following expressions shall have the following meanings:

"Authorised Officer"

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

"Background concentration"

means the same as "background quantity" as defined in paragraph 11 to Part 2 to Schedule 1 of the PPC Regulations.

"Fugitive emission"

means an emission from any point other than those specified in the Tables in part 6 of this Permit.

"LAeq"

means the A-weighted equivalent continuous equal energy level (dBA)

"Monitoring and sampling"

includes analyses, calibrations, examinations, tests and surveys.

"Permitted Installation"

means the activities and the limits to those activities described in Table 1.2 of this Permit.

"Pollution Inventory Form"

means the Form reference ??? dated ??/??/?? published by the Agency for the purpose of obtaining information from Operators on annual mass emissions of specified substances to air and water and on the mass of special and/or non special waste sent for disposal, recovery or treatment.

"PPC Regulations"

means the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit.

"Staff"

includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors.

"substances prescribed for water"

means those substances mentioned in paragraph 13 of Part 2 of Schedule 1 to the PPC Regulations.

"year"

means year ending 31 December.

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

10.1.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means;

- a** in relation to gases 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
- b** in relation to gases 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.

11

Written agreement to changes

- 11.1.1 When the qualification "or as otherwise agreed in writing" is used in a condition of this Permit, the Operator shall seek such agreement in the following manner:
- a** the Operator shall give the Agency written notice of the details of the proposed change, indicating the relevant part(s) of this Permit; and
 - b** such notice shall include an assessment of the possible effects of the proposed change (including waste production) on risks to the environment from the Permitted Installation.
- 11.1.2 Any change proposed according to condition 11.1.1 and agreed in writing by the Agency, shall not be implemented until the Operator has given the Agency prior written notice of the implementation date for the change. As from that date, the Operator shall operate the Permitted Installation in accordance with that change, and any relevant documentation referred to in this Permit shall be deemed to be amended.

Schedule 1

Confirmation of condition 5.1.1 notifications, in accordance with condition 5.1.2

This Schedule outlines the information that the Operator must provide to the Agency to satisfy condition 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements must 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 PPC Regulations.

Returns should contain

Part A

- ☐ Name of Operator.
- ☐ Location of Installation.
- ☐ Date information provided.
- ☐ Time, date and location of the emission.
- ☐ Identity and details of the substance[s] emitted to include:-
- ☐ Best estimate of the quantity or the rate of emission, and the time during which the emission took place.
- ☐ Environmental medium into which the emission took place.
- ☐ Measures taken, or intended to be taken, to stop the emission.

Part B

- ☐ Any more accurate information on the matters notified 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 or harm which has been or may be caused by the emission.
- ☐ The dates of any Part A notifications within in the previous 24 months.

- | | |
|---|------------------------------------|
| ☐ Name | ☐ Post..... |
| ☐ Signature | ☐ Date |
| ☐ Statement that signatory is authorised to sign on behalf of <i>[OPERATOR NAME]</i> | |

Schedule 2

Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 of this Permit, are listed below.

Table S2: Reporting of monitoring data

Parameter	Emission point	Reporting period	Period begins
VOCs mg m-3	E1	Monthly	Date of issue of permit
Total respirable particulate monitoring	N/A	Every 6 months	Date of issue of permit
Waste input/output summary	N/A	Quarterly	Date of issue of permit

Schedule 3

Forms to be used

Unless otherwise agreed in writing between Agency and the Operator, the following Agency forms are to be used for reports submitted to Agency.

Table S3: Reporting Forms		
Media/parameter	Form Number	Date of Form
<i>Air</i>	<i>A1</i>	<i>12/03/01</i>
<i>Waste Input / Output</i>	<i>Waste Return Form</i>	

END OF PERMIT