



Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

Waste management licence

Environmental Protection Act 1990

**Resources Management
UK Ltd**

Withyhedge Material
Recycling Facility,
Rudbaxton, Haverfordwest

Authorisation number

EAWML 34295

Effective date

20 October 2006

Asiantaeth yr Amgylchedd Cymru

Maes Newydd, Llandarsi, Castell-Nedd Port Talbot, SA10 6JQ
Llinell gwasanaethau cwsmeriaid: 08708 506 506

Environment Agency Wales

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Contents

Introduction iii
Status log iv

Authorisation 1

Conditions..... 2
1 General considerations..... 2
2 Site engineering for pollution prevention and control 10
3 Site infrastructure..... 13
4 Site operations..... 14
5 Pollution control, monitoring and reporting..... 19
6 Amenity management and reporting 21
7 Site records..... 23
8 Interpretation..... 25

Rights of appeal 30

Introduction

This note does not form part of the authorisation.

This licence is granted under Section 35 of the Environmental Protection Act 1990. It consists of the authorisation certificate, the site plan and subsequent conditions.

The licence is written to prevent the authorised activities causing pollution of the environment or harm to human health.

You are reminded that it is an offence under Section 33 of the Environmental Protection Act 1990 not to comply with the terms of this licence.

This licence does not free you from the need to comply with any other regulatory regimes controlled by other bodies (such as planning or environmental health etc).

The Agency is required to maintain an up to date copy of this licence on the public register which is freely available to anyone wishing to view it.

If you wish to transfer or surrender the licence, or modify any of its conditions, you cannot do so without the consent of the Agency. Further advice can be obtained on these issues or any other aspect of the licence from your local Environment Agency office.

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Authorisation

Environmental Protection Act 1990



**ENVIRONMENT
AGENCY**

Waste management licence

Authorisation Number

EAWML 34295

Facility type

Material Recycling Facility

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grants a waste management licence authorising the

Keeping and Treating

of controlled waste on the land specified below, to

Resources Management UK Ltd

Company Registration Number 02046398,

whose Registered Office address is

Witherley House

Hazell Way

Bermuda Road

Nuneaton

Warwickshire

CV10 7QG

That person being in occupation of the said land, and subject to the conditions specified in this licence.

The licence relates to the land at Withyhedge Material Recycling Facility, Bowling Farm, Rudbaxton, Haverfordwest (hereinafter called 'the site') shown edged in red on drawing number WP2 dated 25 May 2005, and attached to this licence.

This Authorisation shall have effect from:

20 October 2006

Signed

Paul Gibson

Acting Team Leader – Regulatory Waste

Date of signing

18 October 2006

Conditions

1 General considerations

1.1 **Specified waste management operations**

1.1.1 No waste management operations shall be authorised by this licence unless:

- a** specified in and undertaken in accordance with the limitations in section 1.2 of the working plan and in the table 1.1 of this licence; or
- b** otherwise required by the conditions of this licence as being an integral part of those operations:

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
a) Recycling or reclamation of organic substances which are not used as solvents (R3)	All Categories permitted under condition 1.2.1 of this waste management licence.	i) Treatment consisting of physical sorting or separation of waste into different components for disposal (no more than 50 tonnes per day), or recovery.
b) Recycling or reclamation of metals and metal compounds (R4)		ii) Treatment consisting of physical mixing or bulking of solid wastes of the same or different types, where there are no resulting changes in the chemical composition of the wastes or its different components.
c) Recycling or reclamation of other inorganic materials (R5)		iii) Only within a covered building upon an impermeable pavement with a sealed drainage system.
d) Repackaging of wastes (D14):	All Categories permitted under condition 1.2.1 of this waste management licence.	i) Baling and compaction only. ii) Only within a covered building upon an impermeable pavement with a sealed drainage system.
e) Storage pending disposal or recovery D15 and R13)	All Categories permitted under condition 1.2.1 of this waste management licence.	i) The total quantity of waste to be stored on the site at any one time shall not exceed the maximum tonnage specified in section 5.3 of the working plan. ii) Waste shall only be stored on site for the maximum time periods specified in section 5.3 of the working plan. iii) Only within a covered building upon an impermeable pavement with a sealed drainage system.
	Wastes consisting solely of: 1. Non-Ferrous Metals 2. Ferrous Metals 3. Wood Wastes 4. Plastics 5. Glass unless otherwise specified in writing by the Agency.	i) Only upon an impermeable pavement with a sealed drainage system. ii) Only stored within a skip, container or designated bay.

Specified Waste Management Operations and Exempt Waste Management Operations

- 1.1.2 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 1994 Regulations, then the wastes which are subject to the specified waste management operations shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.2 **Permitted wastes**

Permitted categories and types of wastes

- 1.2.1 No wastes other than those, which are both categorised below in Table 1.2 and specified in detail in section 1.3 of the working plan, shall be accepted at the site.

Permitted quantities of wastes

- 1.2.2 The total quantity of waste accepted at the site per year shall not exceed 74,999 tonnes.

Table 1.2. Permitted quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities (tonnes/year)
a) Inert wastes	i) No limit subject to maximum storage capacities detailed in Table 1.1.
b) Metal wastes	ii) No limit subject to maximum storage capacities detailed in Table 1.1.
c) Household Wastes	iii) No limit subject to maximum storage capacities detailed in Table 1.1.
d) Commercial Wastes	
e) Industrial Wastes	
f) Hazardous Wastes	iv) Not Permitted.

Exclusion of wastes with other specified characteristics

- 1.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 and 1.2.2 above, wastes shall not be accepted at the site which have any of the following characteristics:

Table 1.2.A Excluded wastes of specified form and type

Waste Characteristic	Type
a) Form and Type:	i) Consisting solely or mainly of dusts, powders or loose fibres. ii) that are in a form which is either sludge or liquid. iii) Consisting of or containing List I substances. iv) Consisting of or containing List II substances.
b) Form of containers and degree of mixing within containers:	i) Sealed Drums and containers.

1.3 **Staffing and understanding of requirements of licence conditions and working plan**

Minimum staffing and supervision

1.3.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment or disposal operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence and the working plan regarding:

- a** waste acceptance and control procedures;
- b** operational controls and environmental monitoring;
- c** maintenance;
- d** record-keeping;
- e** emergency action plans;
- f** notifications to the Agency.

Availability of licence and working plan

1.3.2 A copy of this licence and the working plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence and working plan

1.3.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions and working plan which are relevant to their specific duties.

1.4 **Changes in technically competent persons**

- 1.4.1 Any changes in the technically competent management of the site 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 defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations.

1.5 **Relevant convictions**

Notification of relevant convictions

- 1.5.1 In the event of the Licence Holder 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 following sentencing, whether or not the conviction or sentence 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, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.5.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided.

1.6 **Amendments to working plan and supporting information**

Amendments to working plan requiring prior consent from the Agency

- 1.6.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to those sections of the working plan which are specified in Table 1.6 below, and to any appendices, drawings and figures which are referenced in those sections.

Table 1.6 Sections of working plan requiring prior consent for amendments

Number and Heading of Working Plan Sections and Appendices	Sections, Subsections and Appendices requiring Prior Consent for Amendments
Section 1: General Considerations	1.3
Section 2: Site Description	None
Section 3: Site Engineering for Pollution Prevention and Control	3.2
Section 4: Site Infrastructure	None
Section 5: Site Operations	5.1, 5.2, 5.3, 5.4, 5.4.1 and 5.4.2
Section 6: Pollution Control, monitoring and Reporting	6.1.1, 6.1.2, 6.2.2, 6.2.3,
Section 7: Fire Action Plan	7.1, 7.2, 7.3 and 7.4
List of Figures / Drawings	Drawing Number WP2

- 1.6.2 The notice shall be accompanied by a copy of the proposed changes, and by a written assessment of the effect that implementing the proposed change to the working plan would have on the risk posed by the site to human health and the environment.
- 1.6.3 The Licence Holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency, when required by the Agency in writing.
- 1.6.4 The proposed change to the working plan shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change, and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that section.

Amendments to the working plan requiring prior notification to the Agency

- 1.6.5 Except where it is specified under condition 1.6.1 above that the amendment of specified sections of the working plan requires the prior consent of the Agency, the Licence Holder shall give the Agency not less than 7 days prior written notice of any change to the working plan and to any appendices, drawings and figures which are referenced from those sections.
- 1.6.6 The notice shall be accompanied by a copy of the specified changes.
- 1.6.7 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.6.8 Such changes to the working plan shall be deemed to be incorporated in the working plan and implemented on the date specified to the Agency in the amendment notification.

1.7 Notification of change of operator's or holder's details

- 1.7.1 The following information shall be notified in writing within 5 working days to the Agency:
- a** where the Licence Holder is an individual or named individuals:

- i** where the Licence Holder consists of more than one named individual, the death of any of those individuals;
 - ii** any change in the Licence Holder's name(s) or address(es);
 - iii** any steps taken with a view to the Licence Holder, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case them being in a partnership, dissolving the partnership;
 - iv** the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);
- b** where the Licence Holder is a registered company:
 - i** any change in the Licence Holder's trading name, registered name or registered office address;
 - ii** any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
 - iii** the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);
- c** where the Licence Holder is a corporate body other than a registered company:
 - i** any change in the Licence Holder's name or address;
 - ii** any steps taken with a view to the dissolution of the Licence Holder;
 - iii** the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder)

1.8 **Notification of preparatory works**

- 1.8.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

1.9 **Notification of commencement, cessation and recommencement of waste handling operations**

Specified waste management operations

- 1.9.1 No specified waste management operation shall be carried out until at least 7 days prior notice in writing has been given to the Agency of the intention to commence carrying out the specified waste management operation.

Cessation and recommencement of receiving wastes

- 1.9.2 In the event that the site ceases receiving wastes for longer than 21 days then within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Agency not less than 7 days prior notice in writing.

1.10 **Notifications and submissions to Agency**

- 1.10.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:
- a** shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
 - b** shall quote the licence reference number and the name of the Licence Holder.

2 Site engineering for pollution prevention and control

2.1 **Engineered site containment and drainage systems**

Provision and maintenance of site containment and drainage systems

- 2.1.1 No waste shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with condition 2.1.2 and sections 3.2 and 6.1.1 of the working plan.
- 2.1.2 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 specified in Table 2.1 overleaf:

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Impermeable pavement, bunding and sills	i) Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints. ii) All areas of impermeable pavement shall fall towards the drainage system to prevent ponding.
b) Sealed drainage systems	i) Drain/manhole covers will be colour coded on site; blue for surface water and red for foul drainage.
c) Covered buildings or roofed areas	i) The building shall be designed, constructed and maintained to prevent ingress of rain and surface water.
d) Storage areas for skips, drums and other mobile tanks and containers	i) All skips, drums and other mobile tanks and containers which are used for the storage and treatment of wastes shall be constructed and maintained so that they do not leak any liquids contained in them. ii) In the event of damage or deterioration being detected to any skip, drum or other mobile tank or container that is causing, or is likely to cause a leak, that skip, drum or other mobile tank or container shall be taken out of use immediately and its contents removed to a suitable leak proof container. iii) The inspection and any necessary maintenance of any skips, drums and other mobile tanks and containers shall be recorded in the site diary.
e) Fixed bays and other fixed containers	i) All fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard that is fit for purpose. ii) The inspection and any necessary maintenance of any fixed bay and/or other fixed containers shall be recorded in the site diary;
f) Inspection and maintenance of engineered containment	i) All areas of impermeable pavement, sealed drainage systems, covered buildings, fixed bays and other containers, and storage areas for skips, drums and other mobile tanks and containers: a) Shall be inspected weekly, to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary; and b) In the event of any damage occurring which breaches the integrity of the engineered containment so that it is longer meets the specified standards the Licence Holder shall cease importing waste into the affected area. The Agency should be notified immediately, and the licence holder shall not recommence importing waste into the affected area of the site until it has been repaired to a standard at least as good as the original specification.

Table 2.1 Site containment and drainage standards

- c) All repair work or (unless otherwise agreed with the Agency) shall be subject to construction quality assurance and a validation report shall been submitted to the Agency for approval prior to the reintroduction of waste into the affected area(s).
 - d) Any area being used for waste storage shall be cleared of all wastes on written request by an authorised officer of the Agency to allow the inspection of engineered site containment and drainage systems.
-

Construction quality assurance of new site containment and drainage systems

2.1.3

No wastes shall be deposited, stored, treated or otherwise handled in any area or in any fixed tank for which an engineered site containment and drainage system has been newly constructed to meet the requirements of this condition until:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with section 3.2 of the working plan and the other requirements of this condition;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency and has been acknowledged in writing by the Agency.

3 Site infrastructure

3.1 Provision of site identification board

3.1.1 The identification board shall be inspected at least once per week. In case of damage or defect affecting the legibility of the information prescribed in condition 3.1.2 below, the board shall be repaired or replaced within 5 working days.

3.1.2 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

- a** Site name and address;
- b** Licence Holder name (company name, not individual name unless justified as necessary);
- c** Operator name (company name, not individual name unless justified as necessary);
- d** Licence number;
- e** Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f** Statement that the site is licensed by the Environment Agency;
- g** Environment Agency national numbers: 08708 506506 and 0800 807060, or as subsequently notified in writing by the Agency;
- h** Days and hours site is open to receive waste.

3.2 Site security

3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance the following requirements:

Table 3.2 Site security system standards

Site security system	Specified standards
a) Operational standards	i) The licensed site shall be kept closed and secure at all times when unattended.
b) Maintenance standards	i) Unless agreed in writing with the Agency any defects or damage to the site security fencing and gates shall be made secure by temporary repair by the end of the working day, and shall be permanently repaired within 5 working days of the damage being detected. ii) All inspections, defects, damage and repairs shall be recorded in the site diary.

4 Site operations

4.1 Control of mud and debris

Prevention of mud and debris on road

- 4.1.1 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary using the specified equipment and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud and debris on road

- 4.1.2 In the event that mud or debris arising from the site is deposited onto public areas outside the site, the following remedial measures shall be implemented immediately:-
- a** Any items of debris shall be removed
 - b** Mud and other debris shall be removed by cleansing with a brush and shovel and/or road sweeper.
 - c** traffic shall be isolated from sources of mud and debris within the site to prevent further tracking of mud and debris, and measures shall be taken to clear any such sources as soon as practicable.

4.2 Potentially polluting leaks and spillages of waste

Potentially polluting leaks and spillages from vehicles, plant and equipment

- 4.2.1 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.

Control and remediation of leaks and spillages

- 4.2.2 In the event of any potentially polluting leak or waste spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.2.

Table 4.2 Standards for prevention and control of leaks and spillages

Action	Specified standards
a) Control and remediation of leaks and spillages	i) Dry, clean sand or proprietary absorbents shall be kept on site at all times for immediate use in the event of any leak or clean up liquids.
b) Leak and spillage action plan	i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. All contaminated sand or proprietary absorbents shall be cleared and placed in an alternative sealed container once the spillage has been contained. ii) Major spillages which are causing or are likely to cause polluting emissions to the environment: (a) immediate action shall be taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground. This shall include the use of any cut-off valves; (b) the Agency shall be informed immediately. (c) the spillage shall be cleared all contaminated sand or proprietary absorbents shall be cleared and placed in an alternative sealed container once the spillage has been contained.

4.3 **Fires on the site**

Prohibition of fires on site

4.3.1 No wastes shall be burned on the site.

Actions to be taken in the event of a fire

4.3.2 In the event of a fire on the site a fire action plan shall be implemented immediately and recorded, in accordance with section 7 of the working plan and the following actions shall be implemented immediately and recorded in the site diary:

- a** the Agency shall be informed immediately of the fire;
- b** so far as practicable, all cut-off valves shall be closed; and
- c** so far as practicable, contaminated site drainage shall be prevented from entering any surface water drain or water course or unsurfaced ground.

4.4 **Waste acceptance and control procedures**

Waste acceptance procedures

4.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with section 5.1 and 5.2 of the working plan and the standards specified in Table 4.4 below.

Waste control procedures

- 4.4.2 All wastes accepted at the site shall be handled, kept, treated and recorded in accordance with sections 5.2, 5.3, 5.4, 5.4.1 and 5.4.2 of the working plan and the standards specified in Table 4.4 below.

Waste despatch procedures

- 4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with the standards specified in Table 4.4 below.

Incompatible wastes

- 4.4.4 Incompatible 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 with the standards specified in Table 4.4 below.

Table 4.4 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
i) Waste reception and inspection	i) All wastes received at the site: (a) Shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation. (b) Shall be kept separate from and shall not be covered by or mixed with other wastes until they have been confirmed and recorded for acceptance at the site.
ii) Waste acceptance and recording	i) A written record shall be kept of all wastes accepted on site and be available for inspection upon request.
iii) Quarantine storage and rejection of wastes	i) Any wastes which are received at the site but rejected as a result of inspection after deposit shall be placed in a designated enclosed quarantine container. ii) The quarantine container shall be kept within a covered building upon an impermeable pavement with a sealed drainage system. iii) Unless otherwise agreed in writing with the Agency quarantined wastes shall be removed from site within 7 days. iv) The maximum quantity of wastes kept in the quarantine storage area shall be 5m ³ at any one time. v) A record shall be kept of all rejected wastes and recorded in the site diary.
iv) Identification of wastes	i) Wastes shall be stored in clearly defined and identified areas, containers or bays.
v) Inspection of wastes for despatch and recording	i) All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition. ii) A record shall be kept of all wastes despatched from the site.
vi) Incompatible wastes or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations.	i) Incompatible 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: (a) be clearly identified and kept physically separate in designated sealed containers; (b) stored within a covered building upon an impermeable pavement with a sealed drainage system.

4.5 Waste quantity measurement systems

Means of measurement

4.5.1 All wastes accepted at and despatched from the site shall be measured in accordance with section 5.1 of the working plan and the following requirements:

- a** The weighbridge shall be maintained and calibrated in accordance with the manufacturers' instructions, and shall measure quantities of wastes in tonnes to an accuracy of 0.01 tonnes.

- b** The weight of each incoming and each outgoing load of waste shall be recorded.
- c** In the event of failure of the weighbridge, waste quantities shall be recorded in cubic metres and measured on the basis of the capacity of the vehicles or containers used for transport. This shall be converted into tonnes on the basis of conversion factors, which have been agreed in writing with the Agency.

4.6 **Removal of residual wastes from site**

- 4.6.1 In the event that no wastes are received on the site for 3 months and the Agency has reasonable grounds to believe that the importation of wastes will not be resumed, then, notwithstanding any operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

5 Pollution control, monitoring and reporting

5.1 Surface water quality monitoring and reporting systems

Provision of surface water monitoring system

- 5.1.1 Monitoring of surface water quality shall take place at the surface water discharge point identified on plan WP2, to ensure that periodic measurements of quality are taken at the same position.

Surface water monitoring and sampling programme

- 5.1.2 Monitoring and sampling of surface water shall be carried out and recorded in accordance with the standards specified in Table 5.1A below.

Table 5.1A Standards for surface water monitoring and sampling programme

Determinands	Monitoring frequencies	Units and accuracies	Trigger levels
pH	Monthly unless otherwise agreed in writing with the Agency.	± 0.1	<6 or >9
Electrical Conductivity @ 20°C		± 10 µS/cm	1000 µS/cm
Mineral oils		None	Visible oil and grease
Total organic carbon		± 0.1 mg/l	10 mg/l
Total Suspended Solids		± 1 mg/l	50 mg/l

Monitoring and sampling records

- 5.1.3 A record of the surface water monitoring and sampling results shall be made and submitted to the Agency in accordance with the standards specified in Table 5.1B.

Table 5.1B Standards for surface water monitoring and sampling records

Surface water monitoring and Sampling Records	Specified standards
a) Quality assurance of monitoring and sampling	i) The records shall be quality assured in accordance with MCERTS, or a revised Quality Assurance system agreed in writing with the Agency.
b) Making and submission of records	i) A record of all sampling and monitoring shall be supplied to the Agency within 1 month of its being carried and shall include the following: (a) Determinands monitored/sampled; (b) Specified details of measurements/samples to support analytical and QA requirements; e.g. dates, times, locations, other relevant parameters; (c) Results of measurements/sample analyses, with error limits; ii) The records shall be submitted in a format agreed in writing with the Agency.

Surface water monitoring action plan

5.1.4

In the event that any results exceed the trigger level specified in Table 5.1A above:

- a** the results shall be notified to the Agency immediately and confirmed in writing.
- b** the following action plan shall be implemented:
 - i** The source of contamination that led to the exceedance of the trigger level is to be identified;
 - ii** The Agency is to be informed in writing of the identified source and the method and timescale of remediation.

6 Amenity management and reporting

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

- 6.1.1 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 the standards specified in Table 6.1 below and section 6.2.2 of the working plan.

Table 6.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates

a) Monitoring of aerial emissions	i) Site staff supervising individual waste handling operations shall, during the carrying out of those operations, undertake visual monitoring of aerial emissions.
b) Remedial action	i) On detection or notification of visible aerial emissions that are likely to be transported beyond the site boundary, immediate action shall be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. ii) The incident and the remedial action shall be recorded in the site diary.

- 6.1.2 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 pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

6.2 **Control of odours**

- 6.2.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor emissions of odours from the site, in accordance with the standards specified in Table 6.2 and section 6.2.3 of the working plan..
- 6.2.2 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 pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

Table 6.2 Standards for monitoring and control of emissions of odours

a) Monitoring of odorous emissions	i) Olfactory monitoring of aerial emissions from the site shall be carried out by site staff supervising individual waste handling operations, during the carrying out of those operations.
b) Odorous emissions action plan	i) On detection or notification of aerial emissions of odour that are or are likely to be transported beyond the site boundary at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action shall be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. ii) The offending waste shall be placed within an enclosed container within a covered building. iii) The source of odour identified and despatched off site within 24 hours. iv) The incident and the remedial action shall be recorded in the site diary.

6.3 **Control of pest infestations**

6.3.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of pests on the site, in accordance with the standards specified in Table 6.3. The objective of these measures shall be to prevent pest infestations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 6.3 Standards for monitoring and control of pest infestations

Specified standards	
a) Monitoring of pest infestations	i) An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals by the site supervisor, and shall be recorded in the site diary
b) Pest infestations action plan	i) On detection or notification of pest infestations, immediate action shall be taken to secure the attendance of a professional pest control contractor, to eliminate the pest infestation. ii) The incident and the remedial action shall be recorded in the site diary.

6.4 **Control of litter**

6.4.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site, in accordance with section 6.1.2 of the working plan.

6.4.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable.

7 Site records

7.1 Security and availability of records

Security of records

- 7.1.1 All records which are required to be made under the other conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 7.1 below.

Availability of records

- 7.1.2 All records which are required to be made under the other conditions of this licence and the working plan shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

Table 7.1 Standards for keeping of site records

Site records	Specified locations	Specified standards
a) Wastes accepted at the site;	On-site unless otherwise agreed in writing with the Agency.	i) All records shall be stored either:
b) Wastes rejected.		a) on paper in a secure cabinet or cupboard; or
c) Wastes despatched from the site;		b) on computer disc with a back up copy.
d) Site diaries.		ii) Records shall be kept for a minimum of two years.

7.2 Records of waste movements

Recording of wastes accepted and removed

- 7.2.1 A record shall be kept of all wastes received (other than those wastes delivered by private householders) and of all materials (wastes and recovered materials) removed from the site. The records shall include the following for each vehicle load of waste/material:

for waste received:

- a** origin of waste
- b** date received
- c** quantities in tonnes received and waste type
- d** nature of the waste (solid, liquid or sludge)

for waste/material removed:

- e** date removed

- f** quantities in tonnes removed and waste and/or material type
- g** destination of waste and/or materials removed
- h** nature of the waste and/or materials (solid, liquid or sludge)

Summary records of wastes accepted and removed

- 7.2.2 A summary of the information, including nil returns, shall be submitted to the Agency, in a format specified by the Environment Agency. Summaries shall be for each quarter and shall be submitted to the Agency within one month of the end of each quarter.

7.3 **Site diary**

- 7.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events:

- a** construction work
- b** maintenance
- c** breakdowns
- d** emergencies
- e** problems with waste received and action taken including rejected loads and unauthorised waste consignments.
- f** site inspections carried out by the operator
- g** technically competent management attendance on site: time onto site and time left site
- h** despatch of records to the Agency
- i** severe weather conditions
- j** complaints about site operations and actions taken
- k** environmental problems and remedial actions

- 7.3.2 Each record shall be completed within 24 hours of the relevant event.

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

“accepted”

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

“authorised officer of the Agency”

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

“chlorofluorocarbons”

(CFCs) means the controlled substances listed in Group I of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers.

“consequences”

for **risk assessments** carried out within these conditions, means the adverse effects of harm as a result of realising a **hazard** which cause the quality of human health (other than health and safety of site staff or visitors to the site covered under the Health and Safety at Work Act 1974) or the environment to be impaired in the short or longer term;

“engineer”

for engineering works specified in these conditions, means a person who works in the relevant branch of engineering, as a qualified professional;

“engineered”

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

“engineered site containment and drainage system”

means all elements relating to engineered containment of activities on the site, other than final disposal to land, and incorporating site surfacing, bunding and drainage systems, buildings and fixed tanks;

“engineering”

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

“engineering survey”

means a survey carried out in accordance with recognised or approved standards by a suitably qualified competent person;

“environmental targets or receptors”

for **risk assessments** carried out within these conditions, shall mean identified human and environmental populations or components, as specified in these conditions or otherwise agreed by the Agency within these conditions;

“groundwater”

means any water contained in underground strata;

“hazard”

means a property or situation that in particular circumstances could lead to harm;

“hydrochlorofluorocarbons”

(HCFCs) means the controlled substances listed in Group VIII of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers,

“immediately”

for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

“inert waste”

means waste which when disposed of in or on land does not undergo any significant physical, chemical or biological transformation;

“List I and List II substances”

means those substances listed in the Annex to Directive 80/68/EEC;

“maintenance”

for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

“minor spillage”

any potentially polluting leak or spillage less than 100 litres;

“major spillage”

any potentially polluting leak or spillage greater than 100 litres;

“preparatory works”

means engineering works required prior to the carrying out of the activities authorised by this licence;

“probability”

means the quantified expression of chance, denoted either as:

- the ratio or percentage of the occurrence of a particular event as one among a number of possible events;
- or as the frequency of occurrence of a particular event in a given period of time;

“received”

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste;

“release pathways”

for **risk assessments** carried out within these conditions, shall mean the routes by which defined **hazards** may potentially realise their **consequences**, defined in terms of releases or emissions from the site that go beyond the site containment or boundary via one or more of the following routes, either directly or indirectly: **Land; Groundwater; Surface water; Atmosphere;**

“relevant offences”

are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

“risk”

means a combination of the **probability** and **consequences** of occurrence of a defined **hazard**;

“risk assessment”

means the systematic identification, analysis, estimation and evaluation within a defined **scope** of the defined **risks** of a particular activity, operation, process or design, carried out and reported by suitably qualified or competent persons, using recognised quantified or semi-quantified methods and techniques.

Unless otherwise agreed by the Agency within these conditions, a risk assessment shall include and record the following:

- definition of the **hazards** associated with an activity, operation, process or design;
- assessment of the **probability** of those **hazards** occurring;
- determination of the potential **consequences** of those hazards for defined **environmental targets or receptors**, taking into account defined **release pathways** and defined protective measures;
- evaluation of the potential **magnitude** of those consequences and the **probability** of their occurrence;

“scope of risk assessment”

means the boundaries of the **risk assessment** and the **risks** to be assessed within those boundaries, as defined in the conditions or otherwise agreed by the Agency within the conditions;

Sealed drainage system:

A drainage system with impermeable components which does not leak and will ensure that:

- no liquid will run off the impermeable pavement otherwise than via the system
- except where they may be lawfully discharged, all liquids entering the system are contained within the site.

“specified waste management operations”

means the waste management operations authorised by condition 1.1 of this licence;

“surface water management system”

means all elements relating to collection of rain water or surface water from individual landfill phases and the landfill site as a whole, and incorporating methods of water collection, containment and the subsequent treatment and/or disposal system, either on or off the site;

“surface water”

means any lake, pond, river or watercourse whether natural or artificial;

“the 1994 Regulations”

means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them.

“the Agency”

means the Environment Agency;

“the Licence Holder”

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

“the operator”

means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

“the site”

means the land, structures, plant and equipment to which this licence relates;

“time periods, e.g. annually, quarterly, monthly, per year, etc. “

Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

“UKAS”

United Kingdom Accreditation Service

“waste”

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

“waste oil”

means any mineral-based lubricating or industrial oil which has become unfit for the use for which it was originally intended and, in particular, used combustion engine oil, gearbox oil, mineral lubricating oil, oil for turbines and hydraulic oil;

Rights of appeal

Section 43(1) of the Environmental Protection Act 1990 provides that, where except in pursuance of a direction given by The National Assembly For Wales,

- a licence is granted subject to conditions

the applicant may appeal from the decision to The National Assembly For Wales.

Therefore if you feel aggrieved by the decision or any of the conditions to the licence as granted you may obtain the appropriate form on which to give written notice of an appeal from:

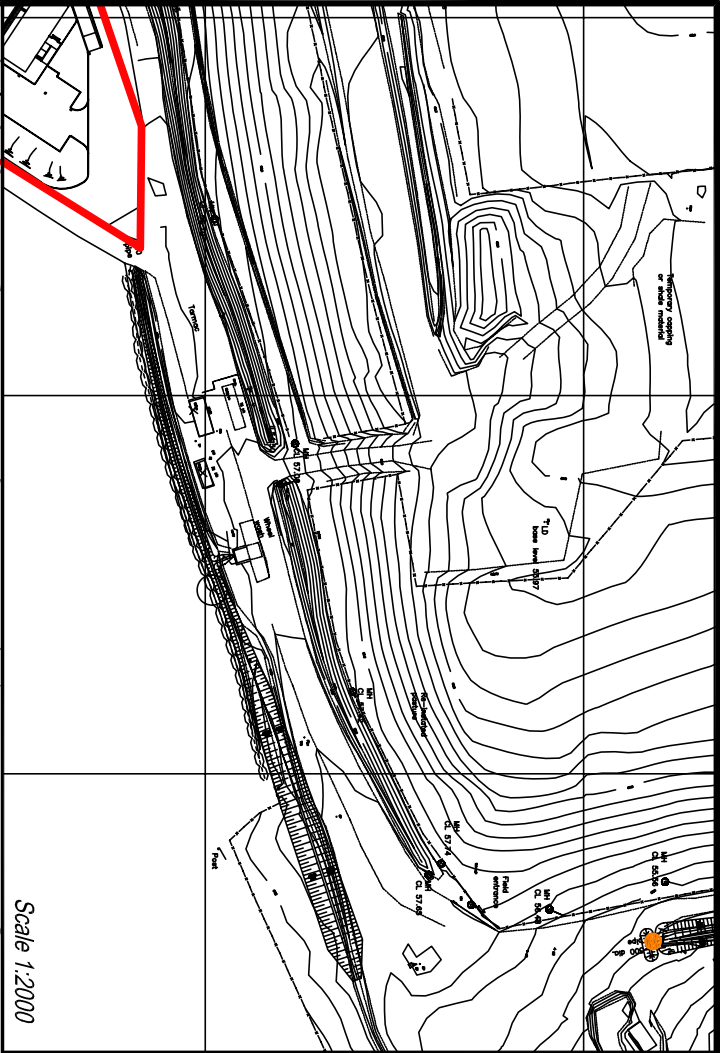
The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 02920 823859
Fax 02920 825150

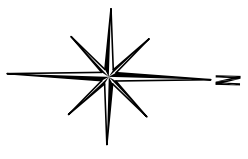
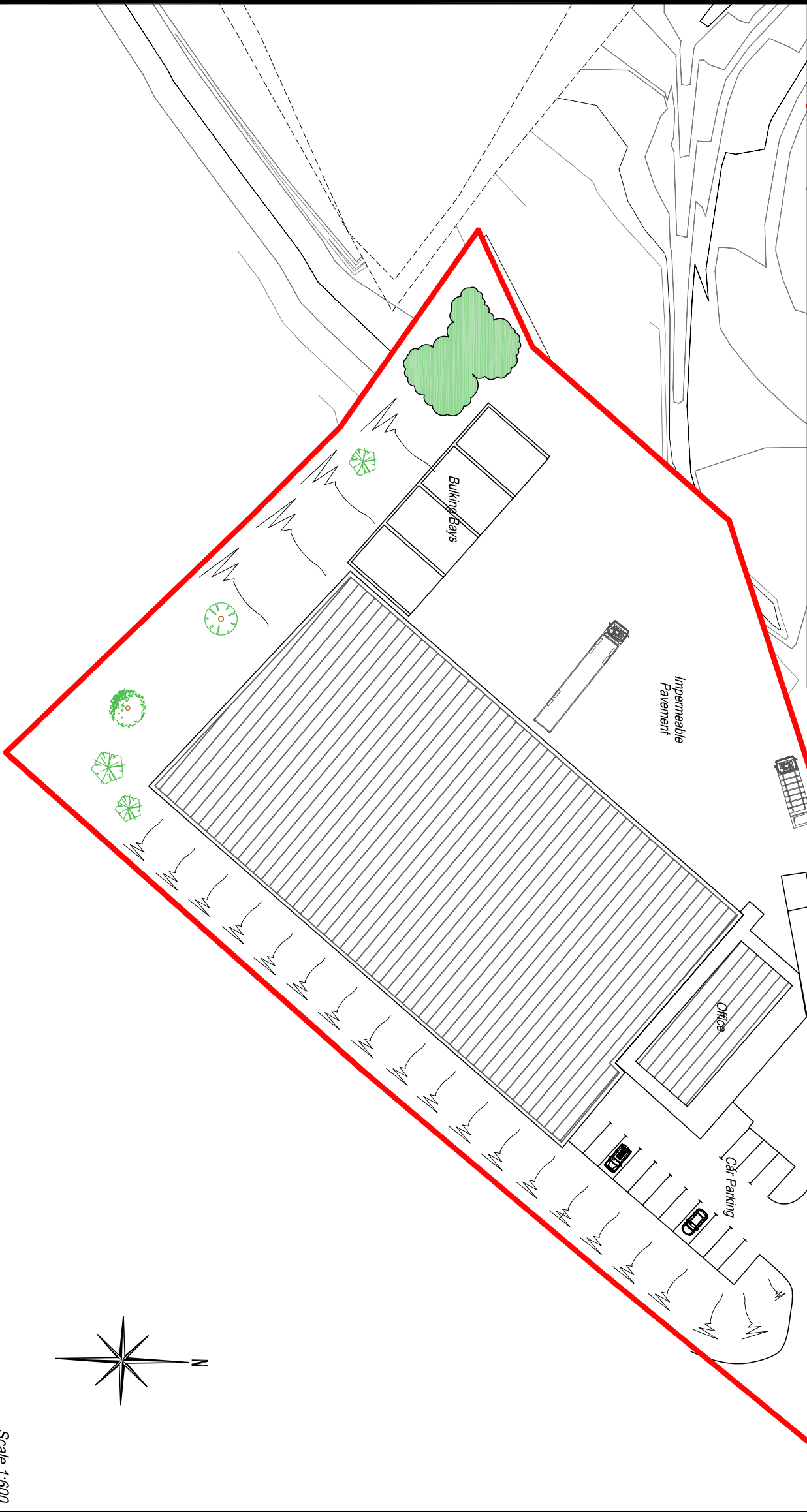
This notice of appeal should be accompanied by the following information:

- a statement of the grounds of appeal
- a copy of the licence
- a copy of any correspondence relevant to the appeal
- a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development
- a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

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



Scale 1:2000



Scale 1:600

NOTES

1. MRF layout taken from Bradley Associates Drawing No. 10497/02/D
2. Further details of the MRF are given on Bradley Associates drawings

LEGEND

- Location of MRF surface water discharge point



Resources Management U.K. Limited
Withyhedge Landfill, Bowling Farm
Rudbaxton, Haverfordwest SA62 4DB

Materials Recycling Facility

Location
Withyhedge

Title

Site Layout

Project No.	04529421	Engineer	BL	Drawing No.	WP2
File No.	5225986/3	Reviewed by	DAIS		
Created by	A.B.				
Scale	As Shown	Date	25th May 2005		

