



EAWML/37211

**A M RECLAIM LIMITED
WREXHAM RECYCLING CENTRE
SITE ONE
REDWITHER ROAD
WREXHAM INDUSTRIAL ESTATE
WREXHAM
LL13 9RD**

LICENCE HOLDER:

**A M RECLAIM LIMITED
SINGRET COTTAGE
SINGRET HILL
LLAY
WREXHAM
LL12 0NS**



ASiantaeth Yr
Amgylchedd Cymru
ENVIRONMENT
AGENCY WALES

ENVIRONMENTAL PROTECTION ACT 1990 WASTE MANAGEMENT LICENCE

LICENCE REF No:- EAWML/37211

FACILITY TYPE:- TRANSFER STATION

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grant a Waste Management Licence authorising the keeping and treatment of controlled waste on the land specified in Schedule 1 to this licence to A M Reclaim Limited, Singret Cottage, Singret Hill, Llay, Wrexham LL12 0NS, Company Registration Number 3705445 those persons being in occupation of the said land, the said licence being subject to the conditions specified in Schedule 2 to this licence.

In this licence the words and expressions contained in Schedule 2 shall have the meaning assigned to them therein.

SCHEDULE 1 - SPECIFIED LAND

The licence relates to the land at Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD (Grid Reference SJ 384 495) (hereinafter called "the site") shown edged red on Drawing Reference Number 484:04:dsj, dated March 1999, and attached to this licence.

Signed *Clare Walters* Name: CLARE WALTERS
Team Leader Waste Licensing - Northern Area (Welsh Region)
Dated: 09 March 2000

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE NOTES AT THE END
OF THIS LICENCE

Environment Agency, Llwyn Brain, Ffordd Penlan, Parc Menai, BANGOR, Gwynedd, LL57 4BP



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 the following table;
- 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
Keeping Storage (D15, R13)	Household, commercial and industrial wastes (non-special)	Inside transfer building as shown on Drawing No.484.04:dsj. Stored in areas with hardstanding or impermeable pavement provided in accordance with condition 2.1.2. No more than 200 tonnes of untreated non-inert waste shall be stored at any one time. Non-inert waste shall not be stored for a period longer than 7 days.
	Inert waste	Location as shown on Drawing No. 484.04:dsj. No more than 200 tonnes of untreated inert waste shall be stored at any one time. Inert waste shall not be stored for a period longer than 28 days.
Treating Sorting	Household, commercial and industrial (non-special)	Inside transfer building. Stored in areas with hardstanding or impermeable pavement provided in accordance with condition 2.1.2.
Screening (D9)	Inert waste	Undertaken in location as shown on Drawing No. 484.04:dsj.

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 categorised below in Table 1.2.A shall be accepted at the site.

Permitted quantities of wastes

- 1.2.2 The quantities of wastes accepted shall not exceed those listed in Table 1.2.A. Whilst complying with the maximum quantities specified for each type of waste, the total quantity of waste accepted at the site per year shall not exceed 24,999 tonnes.

Table 1.2.A Permitted quantities of waste

Permitted waste categories	Form and type	Maximum permitted quantities (tonnes/day)
Inert wastes	Solid, dry, non-hazardous	35
Metal wastes	Solid, dry, non-hazardous	0.5
Degradable household wastes	Solid, dry, non-hazardous	5
Degradable commercial wastes	Solid, dry, non-hazardous	30
Degradable industrial wastes	Solid, dry, non-hazardous	30
TOTALS		<25,000 tonnes per year (105 tonnes per day)

Exclusion of special waste types with specified hazard characteristics

- 1.2.3 Notwithstanding the specification of permitted waste types under condition 1.2.1, special wastes shall not be accepted at the site.

Exclusion of waste with other, specified characteristics

- 1.2.4 Notwithstanding the specification of permitted waste types under conditions 1.2.1 and 1.2.2 above, liquid wastes or sludges shall not be accepted at the site.

1.3 Hours of operation

- 1.3.1 The waste management operations authorised by this licence shall only be carried out within the times specified in Table 1.3 below:

Table 1.3 Permitted operating hours

Specified waste management operations	Permitted hours
Hours open for receipt/ removal of waste	06.00 to 22.00 hours Monday-Friday 06.00 to 17.00 hours Saturday 06.00 to 12.00 hours Sunday 06.00 to 17.00 hours Bank and Public holidays
Hours open for processing/ handling waste	06.00 to 18.00 hours Monday-Friday 06.00 to 18.00 hours Saturday 06.00 to 12.00 hours Sunday 06.00 to 18.00 hours Bank and Public holidays

Except in the case of emergency, no waste shall be delivered or removed from the site outside the permitted hours without the prior approval of the Environment Agency.

1.4 Staffing and understanding of requirements of licence conditions and working plan

Minimum staffing and supervision

- 1.4.1 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

- 1.4.2 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

- 1.4.3 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.

Attendance of technically competent persons

- 1.4.4. There shall be a minimum site attendance time by the technically competent management. The technically competent person(s) site attendance shall be measured as a percentage of the total weekly operational hours permitted for the site under this licence. Attendance of the technically competent person(s) at the site shall be recorded in the site diary on arrival and departure. The attendance percentage shall be agreed in writing with the Agency within 1 month of the issue of this licence and shall follow Agency guidance.

1.5 Changes in technically competent persons

- 1.5.1 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.

1.6 Relevant convictions

Notification of relevant convictions

- 1.6.1 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

- 1.6.2 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.

1.7 Maintenance of financial provision

- 1.7.1 The financial provision for meeting the obligations under this Licence set out in the Agreement made between the Licence Holder and the Agency dated 6 March 2000 shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.
- 1.7.2 No activities authorised by this Licence shall be commenced until the Licence Holder has procured a bond in favour of the Agency in compliance with the Agreement made between the Licence Holder and the Agency dated 6 March 2000 and the Licence Holder has given prior written notice to the Agency of the intention to commence operations at the site.
- 1.7.3 The financial provision for meeting the obligations under this Licence set out in the Agreement referred to in the previous paragraph shall be maintained by the Licence Holder from the date that the bond was created throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

1.8 Amendments to working plan and supporting information

Amendments to working plan requiring prior consent from the Agency

- 1.8.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to any sections of the working plan, and to any appendices, drawings and figures which are referenced in those sections.
- 1.8.2 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.
- 1.8.3 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.

- 1.8.4 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.

1.9 **Notification of change of operator's or holder's details**

- 1.9.1 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).

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

Cessation and recommencement of receiving wastes

- 1.10.1 In the event that the site ceases receiving wastes for longer than 2 months, 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 5 days, prior notice in writing.

1.11 Notifications and submissions to Agency

1.11.1 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 Waste shall only be deposited, stored, treated or otherwise handled in any area of the site, where the engineered site containment and drainage system for that area is provided in accordance with condition 2.1.2 and Table 1.1 and 1.2 of this licence.
- 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 shall meet the standards specified in Table 2.1 overleaf:

Table 2.1 Site containment and drainage standards

Type of site surface and drainage	Minimum specified standards of design, construction and maintenance
Hardstanding	<p>Areas of hardstanding shall be constructed of granular material (eg crushed stone, aggregate, road planings or other similar material) such that the working surface:</p> <ul style="list-style-type: none">a shall remain even;b shall not be subject to settlement or differential settlement;c shall not be subject to rutting by vehicles even when wet;d shall have sufficient durability to allow cleaning for example by scraping;e shall remain free of standing water. <p>Areas of hardstanding shall be maintained so as to meet the objectives specified above.</p>
Impermeable pavement, bunding and sills	<p>An area of impermeable pavement shall be constructed in accordance with the specification approved in writing with the Agency.</p> <p>Areas of impermeable pavement and sills shall be maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.</p>
Drainage systems	<p>Drainage to areas of impermeable pavement shall be provided by:</p> <p>A three chamber oil interceptor with minimum of six minutes retention time per chamber at maximum flow rate which shall discharge to surface water via the attenuation pond.</p> <p>The interceptor shall be inspected no less frequently than weekly and after rain and shall be maintained so as to collect and contain all liquids which run off the pavement.</p> <p>Uncontaminated drainage from clean yard areas shall be kept separate and discharged as detailed in section 2.4 of the working plan and as shown on Drawing No. 48:12:dsj.</p> <p>Should any event occur which damages the integrity of areas of impermeable pavement the Licence Holder shall cease operations and notify the Agency immediately.</p> <p>Drainage from site entrance road shall pass through trapped gullies to soakaway or to surface water in agreement with the Agency.</p>
Covered buildings or roofed areas	<p>All buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water.</p> <p>Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to surface water via the attenuation pond.</p>
Fixed Tanks	<p>All fixed tanks used for the storage of liquids must be constructed and maintained to a standard which is fit for purpose.</p> <p>All fixed tanks (and their associated inlet and outlet pipes) used for the storage of potentially polluting liquids shall be located within a bund and on an impermeable pavement, which shall be isolated from the site drainage system and shall be constructed in accordance with specifications approved by the Agency or the existing tank validated by a constructual engineering report.</p> <p>The bund shall be designed to contain 110% of the maximum possible volume of a leak or spill.</p> <p>Tank vent pipes shall be directed downwards into the bund.</p> <p>The bund shall be inspected no less frequently than weekly and after rain and shall be emptied and maintained so as to maintain a capacity of 110% of the maximum possible volume of a leak or spill.</p> <p>Rainwater shall be removed by bailing or pumping and shall be treated as contaminated water and disposed of to an approved discharge.</p>

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 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 the standards specified in Table 2.1;
 - 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.

Construction quality assurance of existing site containment and drainage systems

- 2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:
- a** details of the construction and maintenance of the engineered site containment and drainage system have been submitted in writing to the Agency and acknowledged in writing by the Agency;
 - b** the existing engineered site containment and drainage system shall be demonstrated to be fit for purpose in that;
 - i** areas of impermeable pavement are laid to take weight of relevant vehicles, plant and equipment without cracking or breaking; and
 - ii** areas of impermeable pavement are free from cracks which could reduce impermeability; and
 - iii** areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
 - iv** areas of impermeable pavement fall towards the drainage system to prevent ponding; and
 - v** no liquid will run off areas of impermeable pavement other than via the drainage system; and
 - vi** the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement; and
 - vii** liquid from the drainage system is disposed of to an approved discharge.
 - c** the existing engineered site containment and drainage system shall be maintained in accordance with the requirements of Table 2.1.

3 Site infrastructure

3.1 Provision of site identification board

- 3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.
- 3.1.3 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 Agency national numbers: 0645 333111 and 0800 807060;
 - h Days and hours site is open to receive waste.

The location of the noticeboard should be such that it is clear that it does not designate areas outside the licensed site and does not encourage illegal tipping.

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 with Table 3.2 below:

Table 3.2 Site security system standards

Site security	Specified standards
Design standards	As detailed in Section 2.5 of the working plan and as shown on Drawing No.484:04:dsj.
Operation	The site shall be kept closed and secure at all times when unattended.
Maintenance	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All 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 Whenever the site is receiving or despatching wastes, measures shall be provided, operated and maintained in accordance with section 13.4 of the working plan, and as specified in Table 4.1 below with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.

Table 4.1 Control of mud and debris

Control of mud and debris	Location
Wheel wash	On the vehicle exit route, between the operational area and the site exit. Contaminated run off shall not be allowed to enter any watercourse or surface water drain.

- 4.1.2 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

- 4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with the following requirements:
- a any items of waste shall be removed;
 - b mud and other debris shall be removed by cleansing with a mechanical road sweeper and/or brush and shovel.

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 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

4.2.2 Any tank used to hold potentially polluting liquids shall be:

- a** loaded and unloaded in accordance with Table 4.2 below;
- 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;
- d** monitored for quantity of material and void space and the monitoring measurements recorded;
- e** inspected and maintained, which shall be fully documented and recorded;
- d** 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 the standards specified in Table 4.2 below.

4.2.3 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately in accordance with standards specified in Table 4.2 below.

Leak and spillage action plan

4.2.4 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 pollution of the environment, harm to human health or serious detriment of the amenities of the locality, a Leak and Spillage Action Plan shall be implemented immediately and recorded in accordance with the standards specified in Table 4.2 below:

Table 4.2 Standards for the prevention and control of leaks and spillages

Action	Specified standard
Filling and emptying tanks	Filling and emptying of tanks shall be supervised at all times by a member of staff. Tanks and any associated valves/ pipework shall be closed and locked at the end of filling/emptying. Tanks shall not be filled beyond their operational capacity.
Inspection, maintenance and repair of tanks	Tanks shall be inspected daily for leaks. Tanks shall undergo an annual maintenance check. A record of the check shall be recorded in the site diary. Any defects compromising the integrity of the tank shall be made good immediately or the tank shall be emptied.
Control and remediation of leaks and spillages	<u>Minor spillages</u> Cleaned up immediately using sand or propriety absorbant. <u>Major spillages</u> <ul style="list-style-type: none">a Immediate action taken to contain spillage and prevent liquid from entering surface water drains/ watercourses/ unsurfaced ground.b Spillage cleared and placed in alternative sealed container.c Agency informed immediately.

4.3 Fires on the site

Prohibition of unauthorised fires on site

- 4.3.1 No wastes shall be burned on the site other than through a specified waste management operation authorised under the other conditions of this licence.

Fire action plan

- 4.3.2 In the event of a fire on the site (except those which are specified waste management operations under these conditions), a fire action plan shall be implemented immediately and actions taken recorded, in accordance with the following:
- a** The Agency shall be informed immediately of any fire on site;
 - b** Contaminated surface water shall be prevented from entering any surface water drain or watercourse.

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 the standards specified in Table 4.4 overleaf.

Waste control procedures

- 4.4.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with the standards specified in Table 4.4 overleaf.

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 overleaf.

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, and in accordance with the standards specified in Table 4.4 overleaf.

Table 4.4 Standards for waste accepted and control procedures

Stage of waste handling	Specified standards
Waste reception	All incoming waste shall be kept in the waste reception area until it has been confirmed for acceptance at the site or has been placed in the designated quarantine storage area pending removal from the site.
Waste inspection	All wastes received at the site shall be inspected on receipt to confirm their description and composition.
Waste acceptance and recording	A record shall be kept of all wastes accepted on site.
Quarantine storage and rejection of waste	Any wastes which are received at the site but rejected as a result of inspection or testing shall be placed in a designated quarantine area and the Agency informed immediately. Quarantined wastes shall be removed from the site within 24 hours or unless otherwise agreed with the Agency. A record shall be kept in the site diary of all rejected wastes.
Identification of wastes	Areas and bays shall be clearly defined and labelled to identify the wastes stored within them.
Tracking of wastes	Recording procedures shall be maintained to ensure all wastes accepted are tracked through to despatch.
Inspection of waste for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
Waste despatch and recording	A record shall be kept of all wastes despatched from the site as detailed in section 10 of the working plan.
Incompatible waste	Incompatible wastes which are likely, in combination with each other or with 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 the designated quarantine area.

4.5 Waste sampling and testing

- 4.5.1 Wastes shall be sampled and tested if required by the Agency to confirm their composition and characteristics where it is deemed that visual inspection is inadequate to confirm compliance with permitted waste types.

4.6 Waste quantity measurement systems

Means of measurement

- 4.6.1 All wastes accepted and wastes despatched from the site shall be measured and calculated by a method approved in writing with the Agency within 1 month of the issue of this licence.

4.7 Specified waste treatment process

Process, plant and equipment and procedures

- 4.7.1 Waste treatment processes as permitted under condition 1.1.1 shall only be carried out in accordance with section 8 of the working plan.

4.8 **Removal of residual wastes from site**

- 4.8.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 2 months then, notwithstanding the 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 be undertaken at locations agreed in writing with the Agency. The locations shall be agreed within 2 months of the issue of this licence.

Surface water monitoring and sampling programme

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

Table 5.1.B Standards for surface water monitoring and sampling programme

Determinands	Monitoring frequencies	Units and accuracies (mg/l)	Trigger levels
PH	Monthly (and quarterly)		<6 or >9
Temperature	Monthly (and quarterly)	mg/l	N/A
Electrical conductivity	Monthly (and quarterly)	µS/cm	>900
Dissolved oxygen	Monthly (and quarterly)	mg/l	N/A
Ammoniacal nitrogen	Monthly (and quarterly)	mg/l	>5
Chlorides	Monthly (and quarterly)	mg/l	>50
Chemical oxygen demand	Monthly (and quarterly)	mg/l	>50
Sulphates	Quarterly	mg/l	>250
Total alkalinity (as CaCO ₃ at pH 4.5)	Quarterly	mg/l	>300
Total oxidised nitrogen	Quarterly	mg/l	>5
Total organic carbon	Quarterly	mg/l	N/A
Na	Quarterly	mg/l	>50
K	Quarterly	mg/l	>25
Ca	Quarterly	mg/l	>500
Mg	Quarterly	mg/l	>100
Fe	Quarterly	mg/l	>0.5
Mn	Quarterly	mg/l	>0.2
Cd	Quarterly	mg/l	>0.005
Cr	Quarterly	mg/l	>0.05
Cu	Quarterly	mg/l	>0.01
Ni	Quarterly	mg/l	>0.1
Pb	Quarterly	mg/l	>0.1
Zn	Quarterly	mg/l	>0.5

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 5.1.C overleaf.

Table 5.1.C Standards for surface water monitoring and sampling records

Surface water monitoring and sampling records	Specified standards
Submission of records	A copy of the quality assured records of each monitoring and sampling result, with an interpretation of the results against background and trigger levels, shall be submitted to the Agency on a monthly basis, within 1 month of its being carried out, in a format acceptable to the Agency.

Surface water monitoring action plan

5.1.4 In the event that any results exceed the trigger level agreed in writing with the Agency:

- a** the results shall be notified to the Agency immediately and confirmed in writing immediately;
- b** the surface water generation action plan as agreed in writing with the Agency shall be implemented immediately.

The surface water monitoring action plan shall contain as a minimum the specified standards detailed in Table 5.1.D below:

Table 5.1.D Standards for surface water monitoring action plan

Surface water monitoring action plan - Specified standards

A surface water action plan shall be submitted for approval by the Agency, within one month of the issue of this licence and shall include as a minimum:

- a** Procedures and schedules for checking monitoring/sampling results against background and trigger levels;
- b** Actions to be taken in the event that trigger levels are exceeded, or analysis indicates trend against background that is likely to exceed trigger levels. This shall include analysis and reporting of efficiency and effectiveness of action plan.

5.2 Monitoring and reporting of meteorological conditions

Provision of meteorological conditions monitoring system

5.2.1 Meteorological monitoring points shall be provided to monitor the quality of meteorological conditions in the vicinity of the site.

The monitoring points shall be located at the site office, or other location as agreed by the Agency.

Meteorological Conditions Monitoring Programme /Action Plan

5.2.2 Monitoring of meteorological conditions shall be carried out in accordance with the meteorological monitoring programme which shall be approved by the Agency within two months of the issue of this licence and shall include as a minimum:

- a** Date of inspection;
- b** Name of inspecting officer;
- c** Result of the inspection;
- d** Wind direction and strength (visual check eg. wind sock);
- e** Actions to be taken.

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 this condition, condition 1.1, section 13.3 of the working plan and to standards specified in Table 6.1 below. The objective of these measures shall be to minimise the release of airborne dusts, fibres and particulates arising from the specified waste management operations beyond the site boundary, and to prevent releases in such quantities or concentrations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.
- 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.
- 6.1.3 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 pollution of the environment or harm to human health or serious detriment to the amenity of the locality, the actions specified in Table 6.1 below, shall be implemented immediately.

Table 6.1 Standards for dust, fibre and particulate control measures

Dusts fibres and particulate control measures	
Physical containment	Fine materials shall be handled in a covered or sheltered area. Areas of impermeable pavement shall be kept clean.
Monitoring	Programme to include: <ul style="list-style-type: none"> • Monitoring locations; • Monitoring periods and frequency; • Monitoring equipment to be employed; • Submission and presentation of results.
Monitoring action plan	In the event of release or potential release the relevant treatment process shall be stopped and the material dampened with spray or bowser.

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 this condition and section 13.8 of the working plan. The objective of these measures shall be to minimise the release of odours from the specified waste management operations beyond the site boundary and to prevent releases that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.
- 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.

6.3 Control of noise

- 6.3.1 Measures shall be implemented and maintained throughout the operational life of the site, in accordance with this condition, condition 1.3 and as specified in Table 6.3 below, to control and minimise the levels of noise from operations on the site beyond the site boundary.

Table 6.3 Standards for noise control measures

Noise control measures	Specified standards
Maximum noise levels	As specified under the current planning permission.
Noise containment	As specified in section 13.5 of the working plan.
Noise prevention	Silencing equipment on specified powered plant and equipment shall be maintained in accordance with manufacturer's instructions.

6.4 Control of pest infestations

- 6.4.1 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 this condition and section 13.2 of the working plan. 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.

6.5 Control of litter

- 6.5.1 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 13.6 of the working plan. Loose waste or waste which is likely to become airborne, including paper and packaging, shall be stored in a building or in enclosed or netted containers. The objective of these measures shall be to prevent any litter escaping from the confines of the site.
- 6.5.2 In the event that litter does escape from the site, it shall be retrieved by the end of the working day.

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 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
Wastes accepted at the site	On site	All records shall be stored: a on paper in a secure cabinet or cupboard or; b on computer disc with a back up copy. Records shall be kept for a minimum of two years.
Wastes despatched from the site	On site	As above
Wastes rejected	On site	As above

7.2 Records of waste movements

Recording of wastes accepted and removed

- 7.2.1 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:

for waste received:

- a** origin of waste;
- b** date received;
- c** quantities in tonnes received and waste type as specified in condition 1.2;
- d** nature of the waste (solid, liquid or sludge).

for waste/material removed:

- a** date removed;
- b** quantities in tonnes removed and waste and/or material type;
- c** destination of waste and/or materials removed;
- d** 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 required by the Agency. Summaries shall be for each quarter of the financial year 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;
- f** site inspections and consequent actions carried out by the operator;
- g** technically competent management attendance on site: the date and the time onto site and the 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.

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

7.4 Periodic reporting of environmental performance

- 7.4.1 The Licence Holder shall provide the Agency on an annual basis by 1 April of each year, or such other time as is agreed in writing with the Agency, a report on the environmental performance of the site, which shall include the following information:

- a** an analysis and review of all complaints received during the year, and of actions taken;
- b** an analysis and review of all events causing the implementation of actions to control and minimise emissions or releases from the site, in accordance with these conditions;
- c** a review of the risk management systems as approved by the Agency;
- d** where changes to the risk management systems are required, a review of the changes shall be submitted to the Agency for approval.

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;

"clinical waste"

has the meaning as defined in regulation 1(2) of the Controlled Waste Regulations 1992 or any statutory provisions amending or replacing them;

"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;

"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;

"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;

"maintenance"

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

"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;

"special waste"

has the meaning as defined by regulation 2 of the Special Waste Regulations 1996 or any statutory provisions or regulations amending or replacing them;

"specified waste management operations"

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

"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;

"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;

"working plan"

means the working plan identified in writing by the Agency at the time of issue of this licence and any subsequent amendments to it made in accordance with the conditions of this licence.



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ENVIRONMENT
AGENCY WALES

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 an application for a licence or a modification of the conditions to the licence is rejected
- b 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 notice of an appeal from:-

National Assembly for Wales
Cathays Park
Cardiff
CF10 3NQ

This notice of appeal should be accompanied by the following information: a copy of the licence; a copy of any correspondence relevant to the appeal; a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development; and a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations. You are also required to serve a copy of your notice of appeal, together with copies of any of the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address overleaf). You should appeal within 6 months of the date that this notice takes effect but the National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.