



ENVIRONMENT
AGENCY

ENVIRONMENTAL PROTECTION ACT 1990.
SECTION 37

WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION

LICENCE REF No:- 947 LICENCE HOLDER:- Silver Lining Industries Ltd Richmond Works Selby Road Garforth LS25 1NB Company Reg No 01631444	FACILITY TYPE:- Waste Storage and Treatment LICENSED FACILITY:- Richmond Works Selby Road Garforth
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WHEREAS on the 6 February 1992 the West Yorkshire Waste Management Joint Committee issued a waste disposal licence in pursuance of its powers under Part 1 of the Control of Pollution Act 1974 for the above named facility to Silver Lining Industries Ltd

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

AND WHEREAS the Environment Agency subsequently modified this licence on 17 October 1997 and on 15 August 2000

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

Signed

Name SIMON FIRTH
Environment Management Team Leader, Leeds Area

Dated

30 September 2003

This modification shall take effect on 2 October 2003 at 00.01 hours

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

Environment Agency, Phoenix House, Global Avenue, Leeds LS11 8PG

SCHEDULE - CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under 37(1)(b):

The Schedule of Conditions attached to Waste Management Licence 947 and dated August 2000 shall be deleted

And replaced by the attached Schedule of Conditions entitled "Schedule 2 - Conditions and Interpretation - WML Number: 947 - Modification Number: 3" and dated 30/09/2003.

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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; or
- b** otherwise required by the conditions of this licence as being an integral part of those operations;

and unless they are carried out on the site in accordance with section WF-1.1 of the working plan and with the documented information contained in the sections of the working plan referred to in the other conditions of this licence.

1.1.2

Specified waste management operations shall be limited to the area outlined in red on Drawing No SP90/1.

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
D9: Treatment	All Excluding: inks, photographic film, computer equipment and batteries, printing wipes contaminated with solvent, medicines including POMS, aluminium, printer toner cartridges and carbon black, dry cleaning waste, and waste containing mercury and dental amalgam.	In accordance with section WP4 (410) of the working plan. By 30 th April each year while this licence is in force, the Agency shall be provided by the licence holder with a certificate signed by a competent person to the effect that all mechanical plant used to handle waste have been inspected during the month of April that year and are in sound condition and proper working order and that any necessary maintenance has been carried out. Cyanide containing wastes shall only be treated by electrolysis to recover precious metals. These wastes shall not be mixed with any other waste.
D13: Blending or mixture of waste	Photographic fixer & developer; Inks; Solvents; Perchloroethylene; Glues and adhesives.	In accordance with working plan. Acids, alkalis, solvents with a flash point less than 32 degrees Centigrade, chlorinated solvents and non-permitted wastes shall not be bulked up on site and shall remain in the containers in which the waste was delivered.
Storage (D15 and R13) pending disposal or recovery.	All	The maximum storage capacity for all wastes shall not exceed 1410 tonnes. The maximum storage capacities for individual wastes shall be as stated in Appendix 1, subject to the overall maximum storage capacity of 1410 tonnes. Storage of individual waste categories shall take place within designated areas as outlined on the attached plan (SP04). The areas designated for the storage of acids, alkalis, highly flammable solvents, and non-permitted wastes shall be sealed, bunded area so that any spillage can be contained within the designated storage area. Cyanide containing wastes shall be kept in a separate bunded area that has been constructed to the same standard; Solvent contaminated wipes shall not be removed or transferred from the sealed bags in which they are delivered to the site.

Specified Waste Management Operations and Exempt Waste Management Operations

- 1.1.3 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 shall be accepted at the site other than those which are categorised below in Table 1.2 and Appendix 1 "Permitted Wastes".

Table 1.2. Permitted quantities of waste

Permitted Waste Categories (equivalent UK Waste Classification Scheme categories given in brackets)	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2) (tonnes/ day)
Inert wastes (Category 21).	Not permitted.
General and biodegradable wastes (Category 22; includes degradable household wastes, and degradable commercial and industrial wastes not covered by Categories 23-32).	Not permitted.
Metals and discarded (scrap) composite equipment (Category 23)	As defined in Appendix 1.
Contaminated general wastes (Category 24).	As defined in Appendix 1.
Special wastes (in Categories 22 to 32).	As defined in Appendix 1.
Other categories of waste (Categories 25 to 32).	As defined in Appendix 1.
Inorganic chemical waste (Category 28)	As defined in Appendix 1.
Organic chemical waste (Category 29)	As defined in Appendix 1.
Mixed chemicals (Category 30)	As defined in Appendix 1.

Permitted quantities of wastes

1.2.2 Whilst complying with the maximum quantities in Table 1.2 and Appendix 1, the total quantity of waste accepted at the site per year shall not exceed 50952 tonnes.

1.3 **Hours of operation**

1.3.1 The following specified waste management operations authorised by this licence shall only be carried out within the times specified in Table 1.3.1.1 or such times that may be agreed in writing with the Agency.

Table 1.3 Permitted operating hours

Specified waste management operations	Permitted hours
Waste acceptance	a) Weekdays 0600 hours to 1300 hours b) Saturday 0800 hours to 1200 hours
Waste treatment	a) Weekdays 0600 hours to 2000 hours b) Saturday 0700 hours to 1300 hours

1.4 **Groundwater protection**

1.4.1 Subject to the terms of this condition, the activities of keeping and treating of waste which are authorised by this licence shall cease on 10 February 2004 unless, by that date, the Licence holder has submitted to the Agency a written investigation and risk assessment, carried out in accordance with sub-condition 1.4.3, which shows that, at the specified date, the level of risk to groundwater meets the terms of Regulation 15 of the 1994 Regulations.

1.4.2 In the event that the continuation of activities is authorised in accordance with this condition, they shall cease on every fourth anniversary thereafter, unless by each of those dates the Licence Holder has submitted to the Agency a written review of the investigation and risk assessment which shows that at the specified dates the level of risk to groundwater meets the terms of Regulation 15 of the 1994 Regulations.

Investigation and risk assessment under Regulation 15

1.4.3 The licence holder shall undertake an investigation to assess the actual and potential impact of discharges from the site in respect of Regulation 15 of the 1994 Regulations. The investigation shall include the following, or, in the case of a subsequent review, shall include a review of the following:-

- a** any relevant site investigation and monitoring data already available and interpretation of that data;
- b** an examination of the hydrogeological conditions of the area in and around the site;
- c** an examination of the possible purifying powers of the soil and subsoil;
- d** an assessment of the risk of pollution and alteration of the quality of groundwater including the risk of harm to other aquatic systems and ecosystems and the likelihood of impeding exploitation of groundwater resources from any discharge, whether direct or indirect, of list I or list II substances.

1.4.4 The results of the investigation and of each subsequent review shall be submitted in a written report to the Agency. The report shall include the following, or in the case of subsequent reviews, reviews thereof:

Table 1.3 Conditions for which changes to the working plan requiring the prior consent of the Agency

Condition	Subject	Working Plan Section
1.1	Specified waste management operations	WP1.1; Drawing SP5006 (Site Plan)
1.2	Permitted wastes	WP1.2
1.4	Groundwater protection	
2.1	Engineered site containment and drainage systems.	WP2(210); Drawing SP5024 (Site Drainage)
4.1	Control of mud and debris	
4.4	Waste acceptance and control systems and procedures	WP4(10)
4.5	Waste quantity measurement systems	WP4(10)
5.0	Pollution control and monitoring	WP6(450)
6.1	Control, monitoring and reporting of aerial emissions of dusts, fibres, powders and particulates	WP6(010)
6.2	Control of odour emissions	WP6(020)
6.5	Control of litter	WP6(050)
7.1	Security and availability of records	WP7.1

- 1.5.2 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 would have on the risk posed by the site to human health and the environment.
- 1.5.3 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.
- 1.5.4 The proposed change 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 replace the previous version of that documentation.

Changes to the working plan requiring prior notification to the Agency

- 1.5.5 Except where it is specified under condition 1.3.1 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.

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- 1.5.6 The notice shall be accompanied by a copy of the specified changes.
- 1.5.7 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.5.8 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.

1.6 **Staffing and understanding of requirements of licence conditions**

Minimum staffing and supervision

- 1.6.1 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

- 1.6.2 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

- 1.6.3 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.

1.7 **Changes in technically competent persons**

- 1.7.1 Any changes in the technically competent management of the site and the name of any incoming person, and, where the technically competent management of the site is subject to the WAMITAB scheme of technical competence, 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, or any subsequent amendments to the Act or Regulations.

1.8 **Relevant convictions**

Notification of relevant convictions

- 1.8.1 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

- 1.8.2 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.

1.9 **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;

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 1.2 of condition 1.2, and with section WP2 (2.10) of the working plan and drawing SP90/2.

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, where provided, to meet the standards specified in Table 2.1 below.

Table 2.1 Site containment and drainage standards

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Impermeable pavement, bunding and sills	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.
b) Sealed drainage systems	<p>i) Drainage to areas of impermeable pavement shall be provided by either:</p> <ul style="list-style-type: none"> • a sealed sump, which shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of the its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement; or • a three chamber oil interceptor, which shall have a minimum of six minutes retention time per chamber at its maximum flow rate, shall discharge to either a foul sewer or surface water or a soakaway, shall be inspected no less frequently than daily and after rain, and shall be maintained so as to intercept all liquids which run off the pavement. <p>ii) Inspections and emptying of sealed sumps shall be recorded in the site diary.</p>
c) Bulk Liquid storage containers	<p>i) All bulk liquid storage containers used in connection with the operation of the site shall be suitably designed and constructed and shall be regularly inspected and maintained to ensure they are secure and leak proof whenever in use</p> <p>ii) All bulk liquid storage containers used in connection with the operation of the site shall be located within a bund to ensure containment of the liquid if for any reason leakage occurs. The floor and wall of the bund shall be watertight and capable of holding 110% of the capacity of the container. All pipework and the outlet valve shall be contained within the bund and any tap valve shall be so arranged as to discharge vertically downwards and shall be kept locked when not in use.</p> <p>iii) Any accumulations of water or other liquid within the bund surrounding a bulk liquid storage container shall be removed so as to retain the effectiveness of the bund.</p>
d) Covered buildings or roofed areas	<p>iv) All buildings shall be designed, constructed and maintained to prevent ingress of rain and surface water.</p> <p>v) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soakaway</p>
e) Fixed bays and other fixed containers	All fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose
f) Storage areas for skips, drums and other mobile tanks	i) All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage and treatment of wastes shall be constructed and

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Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
and containers	maintained so that they do not leak any liquids contained in them ii) All bulk liquid storage containers used in connection with the operation of the site shall be suitably labelled to describe their contents and any inappropriate name markings or other identifications shall be obliterated.
g) Inspection and maintenance of engineered containment	All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and other containers, and storage areas for skips, drums and other mobile tanks and containers: i) shall be inspected no less frequently than monthly, 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 ii) in the event of any damage occurring which breaches the integrity of the engineered containment so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or treating waste in the affected area, shall notify the Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.

2.1.3 Adequate waiting and unloading space shall be provided within the site.

Construction quality assurance of New Site Containment and Drainage systems

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

- 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 other requirements of condition 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 the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area.

Construction quality assurance of existing site containment and drainage systems

2.1.4

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;
- f Statement that the site is licensed by the Environment Agency;
- g Agency national numbers, for General Enquiries (0845 937 5311) and Emergencies (0800 807060), or as subsequently notified in writing by the Agency;
- h Days and hours site is open to receive waste, which information shall be in accordance with the relevant planning permission.

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 section WP3.2 of the working plan.

Table 3.2 Site Security

Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 3 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.
Operational standards	The site shall be kept closed and secure at all times when unattended.

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, 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.

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) the affected public areas outside the site shall be cleaned
- b) 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.

Potentially polluting leaks and spillages from fixed tanks

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

- a** loaded and unloaded in accordance with specified filling and emptying procedures,
- b** clearly and unambiguously labelled regarding its contents:
- c** provided with means for measuring the quantity of material and the void space in the tank, which shall be maintained and calibrated as specified.

- d** monitored for quantity of material and void space and the monitoring measurements recorded;
- e** inspected and maintained according to the specified maintenance schedules and procedures, which shall be fully documented and recorded.
- f** in the event of damage or deterioration to a tank that is, or is likely to cause, a leak, that tank shall be repaired immediately;

and these actions shall be carried out in accordance with the standards specified in Table 4.2.

Potentially polluting leaks and spillages from skips, drums and other mobile containers

4.2.3 Each skip, drum or other mobile container used to hold wastes which consist of or contain potentially polluting liquids, sludges or powders, shall be, while on the site:

- a** loaded and unloaded;
- b** filled and emptied;
- c** clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- d** inspected and maintained according to documented and recorded maintenance schedules and procedures;
- e** in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;

in accordance with the standards specified in Table 4.2 below.

Control and remediation of leaks and spillages

4.2.4 In the event of any potentially polluting leak or 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 below.

Table 4.2 Standards for prevention and control of leaks and spillages

Action	Specified standards
a) Loading and unloading skips, drums and other mobile containers	i) Loading and unloading of containers shall be supervised at all times by a member of staff. ii) Lids/ caps/ bungs or other closures shall be in place during loading/ unloading. iii) Loading/ unloading shall be carried out in an area provided with engineered containment of the type required for that waste under condition 4.6, and of the standard of containment specified under condition 2.1.
b) Filling and emptying drums and other mobile containers	i) Filling and emptying of containers shall be supervised at all times by a member of staff ii) Lids/ caps/ bungs or other closures shall be in place at the end of filling iii) Containers shall not be filled beyond their operational capacity iv) Filling and emptying shall be carried out in a bunded area maintained in accordance with condition 2.1.2. v) Measurement of level/ voidspace shall be by physical dipping prior to loading.
c) Inspection, maintenance and repair of drums and other mobile containers	i) Containers shall be inspected daily for leaks. ii) Containers found to be leaking either shall be immediately transferred to a larger over-container or shall have their contents immediately transferred to an alternative container.
d) Control and remediation of leaks and spillages	i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. ii) For major spillages, which are causing or are likely to cause polluting emissions to the environment <ul style="list-style-type: none"> • Immediate action shall taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground; • The spillage shall be cleared immediately and placed in alternative sealed containers; • The Agency shall be informed immediately.
e) Filling and emptying of fixed tanks	i) Loading and unloading of fixed tanks shall be supervised at all times by a fully trained member of staff ii) Tanks shall not be filled beyond their operational capacity iii) Measurement of level/ void space shall be by physical dipping prior to loading
f) Inspection and maintenance of fixed tanks	i) Tanks shall be inspected daily for leaks ii) In the event of damage or deterioration being detected to any fixed tank that is, or is likely to cause, a leak, that tank shall be repaired or emptied of waste immediately iii) Details of inspections and maintenance shall be recorded in the site diary.

Table 4.2 Standards for prevention and control of leaks and spillages

Action	Specified standards
g) Leak and spillage action plan	i) Within six months of this modification the licence holder shall submit a leak and spillage action plan for the site. This must be approved in writing by the Agency whereafter it shall form part of the working plan.

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, notwithstanding the implementation of actions to suppress and extinguish the fire, the following actions shall be implemented immediately and recorded in the site diary:

- a** the Agency shall be informed immediately of the fire, and
- b** 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 The site shall be equipped to carry out test and analysis, when waste are accepted, to confirm that the wastes are the same as those permitted by section 1.2 of this licence

4.4.2 A reception area shall be provided within the site where vehicles shall be parked on arrival whilst the waste they are carrying is checked for acceptability at the site.

4.4.3 Waste shall only be accepted at the site when a technically qualified or suitably trained person is present on site to ensure that the waste is as described and that it is dealt with in an appropriate manner to prevent harm to human health or pollution of the environment.

Waste control procedures

4.4.4 All wastes accepted at the site shall be handled, kept and recorded in accordance with section WP4 (210) of the working plan and with the standards specified in Table 4.4 below.

Waste despatch procedures

4.4.5 All outgoing wastes shall be inspected, despatched and recorded in accordance with section WP4 (210) of the working plan and with the standards specified in Table 4.4 below.

Incompatible wastes

- 4.4.6 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 set out in Table 4.4.

Table 4.4 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
a) Waste inspection	<p>All wastes received at the site:</p> <ul style="list-style-type: none"> i) shall be inspected/sampled on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation ii) shall be kept separate from and shall not be mixed with other wastes until they have been confirmed and recorded for acceptance at the site.
b) Quarantine storage and rejection of wastes	<ul style="list-style-type: none"> i) Any items of non-permitted waste which are detected after acceptance at the site of the wastes in which they were included shall be placed immediately in a designated quarantine storage area, bay or container, and the Agency shall be informed immediately: ii) In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible. iii) Quarantined wastes shall be removed from site within 7 days. iv) A record shall be kept in the site diary of all rejected wastes.
c) Identification of wastes	<ul style="list-style-type: none"> i) Areas and bays shall be clearly defined and labelled to identify the wastes stored within them.
d) Inspection of wastes for despatch	<ul style="list-style-type: none"> i) All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
e) Incompatible wastes	<ul style="list-style-type: none"> 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 be clearly identified and kept physically separate in designated areas. ii) This shall apply particularly to solid salts and solutions containing cyanides which shall be kept separate at all times from all other wastes, especially acids.

4.5 **Waste sampling and testing**

4.5.1 All incoming wastes shall be sampled and tested to confirm their composition and characteristics, in accordance with Section WP4 (210) of the working plan.

4.5.2 Details of the sampling and analytical methods to be used on-site in relation to each source of the following wastes shall be submitted to the Agency in accordance with the standards specified in Table 4.5 below prior to that waste being accepted:-

06 03 11 Solid salts and solutions containing cyanides.

06 03 13 Solid salts and solutions containing heavy metals;

06 03 15 Metallic oxides containing heavy metals;

06 03 16 Metallic oxides other than those mentioned in 06 03 15.

16 08 01 Spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium, or platinum (excepting such spent catalysts contaminated with dangerous substances);

19 02 05 Sludges from physico/chemical treatment containing dangerous substances;

19 02 06 Sludges from physico/chemical treatment other than 19 02 05.

Table 4.5 Waste sampling and testing system standards

Monitoring and Sampling Records	Specified Standards
Quality assurance of monitoring and sampling	Monitoring shall be carried out by suitably competent/qualified staff
Assessment of suitability	<p>For waste accepted and treated more frequently than once every three months the assessment shall be updated on a quarterly basis, otherwise the assessment shall be updated annually.</p> <p>The following assessment shall be carried out for each waste accepted:</p> <ul style="list-style-type: none"> i) the waste category ii) a detailed description of the waste iii) a detailed description of the process from which it has arisen iv) a detailed chemical analysis to determine suitability for acceptance at the site v) a check analysis to be carried out to confirm that waste is as described in (ii) prior to the waste being accepted vi) frequency of re-analysis vii) frequency and quantity arising
Sampling frequency	<p>A representative sample shall be taken, unless otherwise agreed in writing with the Agency, of each load of waste as specified in 4.5.2 accepted at the site.</p> <p>Unless otherwise agreed in writing with the Agency, each sample taken shall be labelled and retained on site for a minimum of 14 days after the day of acceptance.</p>
Making records	<p>Records shall include the following:</p> <ul style="list-style-type: none"> i) determinands sampled ii) date and times iii) results of analysis
Exceptions	The only exceptions to the above requirements are waste that due to their physical characteristics cannot be sampled

- 4.5.3 All analytical information and sampling details relating to the checking of wastes shall be made available on request to any authorised officer of the Agency.

Waste quantity measurement systems

Means of measurement

- 4.5.4 All wastes accepted at and despatched from the site shall be measured in accordance with the following requirements:
- a** The weight of all wastes accepted at and despatched from the site shall be determined by means of either:

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- i** A public weighbridge, or a weighbridge located within the site; and
 - ii** The weighbridge used shall record quantities of waste in tonnes to and accuracy of 0.01 tonnes; or
- b** The conversion in volume to weight in tonnes using volume/weight conversion factors which have been agreed in writing with the Agency

4.6 **Storage of wastes with specified hazardous properties or forms**

- 4.6.1 Notwithstanding the specification of permitted waste types under condition 1.2, wastes displaying any of the hazardous properties or forms specified in Table 4.6 shall not be accepted at the site unless handled in accordance with section WP8.0 of the working plan so as to meet the limitations specified in Table 4.6.

Table 4.6: Limitations on wastes with specified hazardous characteristics

<p>a) Solid wastes which do not consist solely or mainly of dusts, powders or loose fibres, but which when handled are likely to generate significant quantities of dusts, fibres or particulates.</p>	<p>i) These wastes are only permitted if they are either:</p> <ul style="list-style-type: none"> • received in sealed containers and stored in sealed containers and in areas provided with impermeable pavement and sealed drainage; or • stored in covered buildings providing containment of aerial emissions of dusts, fibres or particulates; or • stored in roofed areas provided with a permanent water supply and water spraying or misting equipment and impermeable pavement and a sealed drainage system <p>ii) These wastes shall be subject to monitoring in accordance with condition 6.1.</p>
<p>b) Odorous wastes, including wastes which are likely to be odour producing during storage</p>	<p>i) These wastes are only permitted if:</p> <ul style="list-style-type: none"> • received in sealed containers and stored in sealed containers and in areas provided with impermeable pavement and sealed drainage, or • stored in covered buildings providing containment of aerial emissions; or • stored in bays provided with an impermeable pavement and sealed drainage. <p>ii) These wastes shall be subject to monitoring in accordance with condition 6.2, and shall in any case not be stored for longer than 48 hours</p>
<p>c) Solid wastes which are likely to produce contaminated or polluting run-off.</p>	<p>i) These wastes only permitted if stored in areas with either:</p> <ul style="list-style-type: none"> • Hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or • an impermeable pavement and sealed drainage • received and stored in sealed containers; or • stored in covered shelters or roofed areas, or • stored in bays
<p>d) Wastes which are in a form which is either viscous/pasty, sludge or liquid.</p>	<p>i) These wastes only permitted if:</p> <ul style="list-style-type: none"> • received and stored in liquid-retaining, covered containers; and • stored in areas provided with impermeable pavement and sealed drainage
<p>e) Combustible wastes</p>	<p>i) These wastes only permitted if stored in areas or bays provided with an impermeable pavement and sealed drainage, away from sources of electrical discharge or sparks and with access to fire fighting equipment.</p>
<p>f) Wastes which are likely to attract pests</p>	<p>These wastes shall be subject to monitoring in accordance with condition 6.3, and shall in any case not be stored for longer than 48 hours</p>
<p>g) Wastes which include light wastes or other wastes liable to give</p>	<p>i) These wastes only permitted if:</p> <ul style="list-style-type: none"> • received in sealed containers and stored in sealed

Table 4.6: Limitations on wastes with specified hazardous characteristics

rise to litter	containers and in areas provided with impermeable pavement and sealed drainage or <ul style="list-style-type: none"> • stored in covered buildings providing containment of aerial emissions of litter; or • stored in bays provided with litter control netting or fencing.
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4.7 Removal of residual wastes from site

4.7.1 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.

4.8 Storage of specified wastes –

4.8.1 Wastes containing cyanides shall only be received, stored, and treated on the site in accordance with the standards specified in Table 4.8 below.

Table 4.8 Standards for storage of specified wastes

Storage requirement	Specified standards
Specified waste with particular storage requirements:	Wastes containing cyanide shall only be received, stored, and treated in accordance with the procedures specified in that part of Section WP4 (410) entitled "Cyanides Containing Precious Metals"
Wastes containing cyanide	Despatch of treated wastes containing cyanides shall follow the same procedure as outlined for the receipt of the waste

4.9 Specified waste treatment process – process, plant and equipment and procedures

Specified waste treatment process

4.9.1 Specified waste treatment process shall only be carried out on the site in accordance with section WP4 (410) and the attached documents listed below.

Table 4.9 Standards for specified waste treatment process

Process requirement	Specified standards
Maintenance	Treatment process operations shall be inspected for defects and damage during each routine monitoring exercise. Defects and damage shall be recorded in the site diary, remedial action and repairs shall be undertaken as soon as possible.
Process Quality Control	<p>Within six months of issue of this modification, the following information on all the treatment process being carried out on site shall be submitted to the Agency.</p> <ul style="list-style-type: none"> i) Quality control; <ul style="list-style-type: none"> • Quality control of inputs; • Quality control of process; • Quality assurance of outputs ii) Monitoring; <ul style="list-style-type: none"> • Means and methods of monitoring parameters; • Monitoring programmes; • Format and content of records. iii) Adverse deviation of the process from the specified standards <ul style="list-style-type: none"> • Stopping specified treatment process • recovery/treatment of off-specification outputs

5 Pollution Control, Monitoring and Reporting

Groundwater monitoring and sampling programme

5.1.1 Three months from the issue of this modification, details of a programme of monitoring and sampling of groundwater in the vicinity of the site shall be submitted in writing to the Agency. These details shall include a description of the monitoring locations and a hydrogeological justification for their choice, a description of the monitoring infrastructure, the frequency of sampling, the sampling methodology to be employed, a list of the determinands to be analysed for in the samples taken, analytical methods to be employed in analysing the samples, quality assurance for the analysis, and trigger levels for each determinand above which further investigation is required.

5.1.2 Six months from issue of this modification, monitoring and sampling of groundwater external to the site shall be carried out and recorded in accordance with the standards specified in Table 5.1.1 and the details submitted further to 5.1.1 as approved in writing by the Agency.

Groundwater monitoring and sampling records

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

Table 5.1 Standards for groundwater monitoring and sampling records

Groundwater Monitoring and Sampling Records	Specified Standards
Quality assurance of monitoring and sampling	Monitoring shall be carried out by suitably competent/qualified staff Validation of results shall be carried out by a designated quality assurer adequately experienced in hydrogeology
Making of records	Records should include the following i) Determinands monitored/sampled ii) Specified details of measurements/samples to support analytical and QA requirements e.g. dates, times, locations, other relevant parameters; iii) Results of measurements/sample analyses with error limits; iv) Interpretation and review of results against trigger levels v) Validation of accuracy and validity of results, by designated quality assurer
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 within 1 month of its being carried out, in the format agreed in writing with the Agency

Groundwater monitoring action plan

- 5.1.4 In the event that any results exceed the trigger levels as agreed in writing with the Agency
- a** the results shall be notified to the Agency immediately and confirmed in writing immediately;
 - b** a groundwater action plan which shall be agreed in writing by the Agency shall be implemented immediately.

5.2 Surface water quality monitoring and reporting systems

Provision of surface water monitoring system

- 5.2.1 Six months from issue of this modification, monitoring of surface water quality shall take place at locations that are physically marked and that have been agreed in writing with the Agency, to ensure that periodic measurements of quality are taken at the same position. Monitoring of surface water quality shall be carried out and recorded in accordance with the standards set out in Table 5.2 and the details submitted further to 5.2.2 below as approved in writing by the Agency.

Surface water monitoring and sampling programme

- 5.2.2 Three months from the issue of this modification, details of a programme of monitoring and sampling of surface water in the vicinity of the site shall be submitted in writing to the Agency. These details shall include a description of the monitoring infrastructure, the frequency of sampling, the sampling methodology to be employed, a list of the determinands to be analysed for in the samples taken, analytical methods to be employed in analysing the samples, quality assurance for the analysis, and trigger levels for each determinand above which further investigation is required.

Monitoring and sampling records

- 5.2.3 A record of the surface water monitoring and sampling results shall be made and submitted to the Agency in accordance with the requirements set out in Table 5.2.

Table 5.2 Standards for surface water monitoring and sampling records

Surface water monitoring and Sampling Records	Specified standards
Quality assurance of monitoring and sampling	Monitoring shall be carried out by suitably competent/qualified staff. Validation of results shall be carried out by a designated adequately experienced quality assurer
Making of records	Records shall include the following: i) Determinands monitored/sampled; ii) Specified details of measurements/samples to support analytical and QA requirements, e.g. dates, times, locations, other relevant parameters; iii) Results of measurements/sample analyses with error limits iv) Interpretation and review of results against trigger levels v) Validation of accuracy and validity of results, by designated quality assurer
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 within 1 month of its being carried out in a format agreed in writing with the Agency

Surface water monitoring action plan

- 5.2.4 In the event that any results exceed the trigger levels agreed in writing with the Agency:

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

5.2.5 A register of all environmental monitoring data shall be kept on the site and made available for inspection by the Agency.

6 Amenity management and reporting

6.1 **Monitoring and control of aerial emissions of dusts, fibres and particulates**

6.1.1 Throughout the operational life of the site, measures to monitor, control and minimise the aerial emission of dusts, fibres and particulates from the site, shall be carried out in accordance with section WP6(6.1), of the working plan to meet the standards specified in Table 6.1 below. Such measures shall 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.

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

a) Monitoring of aerial emissions	i) Visual monitoring of aerial emissions shall be carried out by site staff supervising waste handling operations. <ul style="list-style-type: none"> • By the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and • by site staff supervising individual waste handling operations, during the carrying out of those operations.
b) Aerial emissions action plan	i) On detection or complaint of visible aerial emissions that are or 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 **Monitoring and control of odorous emissions**

6.2.1 Throughout the operational life of the site, measures to monitor, control and minimise the emission of odours from the site, shall be carried out in to meet the standards specified in Table 6.2. Such measures shall 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.

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: <ul style="list-style-type: none"> • By the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and • 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 to 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.

6.2.2 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 after having taken account of the nature of any such odours, the frequency with which they occur and their persistence.

6.3 Monitoring and control of pest infestations

6.3.1 Throughout the operational life of the site, measures to control and minimise pests on the site shall be carried out, in accordance with the standards specified in Table 6.3. Such measures shall 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, in accordance with section WP6 (050) of the working plan, to prevent the escape of litter from the confines of the site.

6.4.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after 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 conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept at the location(s) specified in section WP7.1 of the working plan

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 recording special waste deposits

Special waste location records	Specified standards
Method of measuring and recording	All records shall be stored either: a) on paper in a secure cabinet or cupboard or b) on a computer disc with a back up copy
	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 each load of waste accepted and each load of waste removed from site. This record shall include the following details.

- a** Loads in :- Nature (solid, sludge or liquid), waste type as specified under condition 1.2 and section WP1.2 of the working plan, quantity (tonnes), date received, date accepted.
- b** Loads out :- Nature (solid, liquid or sludge), waste type as specified under condition 1.2 and section WP1.2 of the working plan, quantity of waste removed (tonnes), date removed.

Summary records of wastes accepted and removed

- 7.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter and shall be submitted to the Agency within 1 month following the end of the quarter. The summary record shall be in the format agreed in writing with the Agency.

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, in accordance with the other conditions of this licence:

- 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

- 7.3.2 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 1st April 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 assessment and risk management systems for the site taking account of the findings under (a) and (b).

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;

“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;

“sealed container”

means a container which does not permit either the ingress or egress of liquids, or the escape of dusts or wastes contained within it;

“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;

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“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;

“UK Waste Classification Scheme” or “UKCWS”

the UK Waste Classification Scheme (Draft 16) or its subsequent replacement;

“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.

APPENDIX 1

PERMITTED WASTES

Waste Category & Source on EWC	Waste Categories (EWCS)	Waste Description	Maximum Daily Quantities (Tonnes)	Maximum Stored (Tonnes)		
06 01 Wastes from the MFSU of acids	06 01 01*	Sulphuric acid & sulphurous acid	6	14		
	06 01 02*	Hydrochloric acid				
	06 01 04*	Phosphoric and phosphorous acid				
	06 01 05*	Nitric and nitrous acid				
	06 01 06*	Other acids				
06 02 Wastes from the MFSU of bases	06 02 01*	Calcium hydroxide	40	50		
	06 02 03*	Ammonium hydroxide				
	06 02 04*	Sodium and potassium hydroxide				
	06 02 05*	Other bases				
06 03 Wastes from the MFSU of salts and their solutions and metal oxides	06 03 11	Solid salts and solutions containing cyanides	1	1		
	06 03 13*	Solid salts and solutions containing heavy metals				
	06 03 15*	Metallic oxides containing heavy metals			20	50
		Metallic oxides other than those mentioned in 060315				
	06 03 16					
06 04 Metal containing wastes other than those mentioned in 06 03	06 04 04	Wastes containing mercury	0.25	0.5		
06 13 Wastes from inorganic chemical processes not	06 13 02*	Spent activated carbon (except 06 07 02)	20	50		

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otherwise specified				
07 02 Wastes from the MFSU of plastics, synthetic rubber and man-made fibres	07 02 13	Waste plastic	5	10
08 01 Wastes from MFSU and removal of paint and varnish	08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances	30	50
	08 01 12	Waste paint and varnish other than 08 01 11		
	08 01 13*	Sludges from paint or varnish containing organic solvents or other dangerous substances		
	08 01 14	Sludges from paint or varnish other than 08 01 13		
	08 01 15*	Aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances		
	08 01 16	Aqueous sludges containing paint or varnish other than 08 01 15		
	08 01 19*	Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances		
	08 01 20	Aqueous suspensions containing paint or varnish other than 08 01 19		
08 03 Wastes from MFSU of printing inks.	08 03 07	Aqueous sludges containing ink	60	200
	08 03 08	Aqueous liquid waste containing ink		
	08 03 12*	Waste ink containing dangerous substances		
	08 03 13	Waste ink other than those mentioned in 080312		
	08 03 14*	Ink sludges containing		

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		dangerous substances		
	08 03 15	Ink sludges other than those mentioned in 080314		
	08 03 16*	Waste etching solutions		
	08 03 17*	Waste printing toner containing dangerous substances		
	08 03 18	Waste printing toner other than those mentioned in 08 03 17		
	08 03 19*	Disperse oil		
	08 03 99	Wastes not otherwise specified		
08 04 Wastes from MFSU of adhesives and sealants (including waterproofing products)	08 04 09*	Waste adhesives and sealants containing organic solvents or other dangerous substances	20	90
	08 04 10	Waste adhesives and sealants other than 08 04 09		
09 01 Wastes from the photographic industry	09 01 01*	Water based developer and activator solution	100	800
	09 01 02*	Water based offset plate developer solution		
	09 01 03*	Solvent based developer solution		
	09 01 04*	Fixer solutions		
	09 01 05*	Bleach solutions and bleach fixer solutions		
	09 01 06*	Waste containing silver from on-site treatment of photographic waste		
	09 01 07	Photographic film and paper containing silver or silver compounds		
	09 01 08	Photographic film and paper free of silver or silver compounds		
	09 01 10	Single use cameras without batteries		
	09 01 11*	Single use cameras containing batteries included in 160601, 160602, 160603.		

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	09 01 12	Single use cameras containing batteries other than those mentioned in 090111		
	09 01 13*	Aqueous liquid waste from on-site reclamation of silver other than those mentioned in 090106		
	09 01 99	Wastes not otherwise specified		
10 03 Wastes from aluminium thermal metallurgy	10 30 02	Anode scraps	40	90
12 01 Wastes from shaping and physical and mechanical surface treatment of metals and plastics	12 01 01	Ferrous metal filings and turnings	20	40
	12 01 03	Non-ferrous metal filings and turnings		
13 01 Waste hydraulic oils	13 01 04*	Chlorinated emulsions	20	50
	13 01 05*	Non-chlorinated emulsions		
	13 01 09*	Mineral-based chlorinated emulsions		
	13 01 10*	Mineral-based non-chlorinated emulsions		
	13 01 11*	Synthetic hydraulic oils		
	13 01 12*	Readily biodegradable hydraulic oils		
	13 01 13*	Other hydraulic oils		
13 02 Waste engine, gear and lubricating oils	13 02 04*	Mineral-based chlorinated engine, gear and lubricating oil	20	50
	13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oil		
	13 02 06*	Synthetic engine, gear and lubricating oils		

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	13 02 07*	Readily biodegradable engine gear and lubricating oil		
	13 02 08*	Other engine , gear and lubricating oil		
13 03 Waste insulating and heat transmission oils	13 03 06*	Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 0301	20	50
	13 03 07*	Mineral-based non-chlorinated insulating and transmission oils		
	13 03 08*	Synthetic insulating and heat transmission oils		
	13 03 09*	Readily biodegradable insulating and heat transmission oils		
	13 03 10*	Other insulating and heat transmission oils		
14 06 Waste organic solvents	14 06 02*	Other halogenated solvents and solvent mixtures	30	85
	14 06 03*	Other solvents and solvent mixtures		
	14 06 04*	Sludges or solid wastes containing halogenated solvents		
	14 06 05*	Sludges or solid wastes containing other solvents		
15 01 Packaging	15 01 01	Paper and cardboard packaging	10	20
	15 01 02	Plastic packaging		
	15 01 03	Wooden packaging		
	15 01 04	Metallic packaging		
	15 01 05	Composite packaging		
	15 01 06	Mixed packaging		
	15 01 07	Glass packaging		
	15 01 09	Textile packaging		
	15 01 10*	Packaging containing residues of or contaminated by dangerous substances		
15 02 Wiping	15 02 02*	Wiping cloths contaminated by	20	40

SCHEDULE 2 – CONDITIONS AND INTERPRETATION

cloths	15 02 03	dangerous substances Wiping cloths other than those mentioned in 15 02 02		
16 02 Wastes from electrical and electronic equipment	16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	100	200
	16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13		
	16 02 15*	Hazardous components removed from discarded equipment		
	16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15		
16 06 Batteries and accumulators	16 06 01*	Lead batteries	50	100
	16 06 02*	Ni-Cd batteries		
	16 06 03*	Mercury-containing batteries		
	16 06 04	Alkaline batteries (except 16 06 03)		
	16 06 05	Other batteries and accumulators		
	16 06 06*	Separately collected electrolyte from batteries and accumulators		
16 08 Spent catalysts	16 08 01	Spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium, or platinum (excepting such spent catalysts contaminated with dangerous substances)	20	40
17 04 Metals (including their alloys)	17 04 02	Aluminium	2	4
18 01 Wastes	18 01 09	Medicines other than cytotoxic	2	10

SCHEDULE 2 – CONDITIONS AND INTERPRETATION

from natal care, diagnosis, treatment or prevention of disease in humans	18 01 10	and cytostatic medicines Amalgam waste from dental care	0.25	10.5
19 02 Wastes from physico/chemical treatments of waste	19 02 05*	Sludges from physico/chemical treatment containing dangerous substances	20	30
	19 02 06	Sludges from physico/chemical treatment other than 19 02 05		
20 01 Municipal wastes (separately collected fraction)	20 01 01	Paper and cardboard	2	4
	20 01 13*	Solvents	5	20
	20 01 14*	Acids	5	10
	20 01 15*	Alkalines	5	10
	20 01 17*	Photochemicals	30	50
	20 01 21*	Fluorescent tubes and other mercury-containing waste	10	20
	20 01 27*	Paint, inks, adhesives, and resins containing dangerous substances	15	20
	20 10 28	Paints, inks, adhesives, and resins other than those mentioned in 20 01 27	15	20
	20 01 32	Non-cytostatic and non-cytotoxic medicines	5	10
	20 01 33	Batteries and accumulators included in 16 06 01, 16 06 02, and 16 06 03	10	20
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33	5	10	
20 01 35*	Discarded electrical and electronic equipment containing hazardous components other than those containing chloroflourocarbons	20	50	
20 01 36	Discarded electrical and	20	50	

SCHEDULE 2 – CONDITIONS AND INTERPRETATION

		electronic equipment other than those containing chloroflourocarbons and those mentioned in 20 01 35		
	20 01 39	Plastics	2	3
	20 01 40	Metals	4	6

