



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Miswa Chemicals Limited

Miswa Chemicals Limited
54 Caswell Road
Brackmills Industrial Estate
Northampton
NN4 7PW

Variation application number

EPR/AP3398LQ/V002

Permit number

EPR/AP3398LQ

Miswa Chemicals Limited

Permit number EPR/AP3398LQ

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

The schedules specify the changes made to the permit.

The site is located at Brackmills Industrial Estate, Northampton. The centre of the site is at National Grid Reference SP 77516 58257.

The Miswa Chemicals Limited site accepts hazardous and non-hazardous chemical wastes for treatment and storage. The facility is permitted as an installation covering Schedule 1 activities, and for waste operations for the storage and treatment of waste.

The main treatment of the existing facility is to recover glycol and water from waste glycol streams, using filtration, settlement, flocculation, and distillation. The recovered glycol and water are then used as raw materials in other downstream processes. This existing activity (AR1 in table S1.1) has not been in use since being permitted in 2008. We have included a pre-operational condition in Table S1.4 of the permit requiring additional information prior to this activity commencing.

This variation is for the following changes to the permit:

- A new activity has been added to the permit, for the treatment of brake fluid. This is referenced "AR2" in table S1.1 of the permit. The maximum throughput for the new activity shall be 20 tonnes per day. Treatment shall consist of filtration of the brake fluid.
- This new treatment of brake fluid activity includes the use of two new steel storage vessels, referred to as "TF03" and "PR23". These vessels are for the storage of the waste prior to treatment and the product after treatment. New intermediate bulk container (IBC) storage areas are included within the permit area. These are indoor storage areas within "Zone 7", and in the external yard area.
- Hazardous waste code 16 01 13* for brake fluid has been added to the list of accepted wastes (Table S2.2).
- The permit boundary has been increased to account for the new activity treatment and storage.
- The permit has been updated in accordance with the Installation Emissions Directives (IED), to reflect that there are installation activities on site that are subject to Best Available Techniques.
- The discharge to sewer has been identified in the permit (Table S3.2).
- Improvement conditions have been included within Table S1.3 of the permit, and pre-operational conditions for future development have been included within Table S1.4.

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

On 18 November 2020, Chemical waste: appropriate measures for permitted facilities guidance was published on gov.uk. The guidance explains the standards that are relevant to regulated facilities with an environmental permit to treat or transfer chemical waste, providing indicative BAT for those sites.

This permit variation updates some of the permit conditions in accordance with Best Available Techniques and the appropriate measures guidance.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/AP3398LQ/A001 received	Duly made 28/10/2008	Application for a hazardous waste treatment facility.
Permit determined EAWML 100477	17/04/2009	Miswa Chemicals Limited.
Application EPR/AP3398LQ/V002 (variation and consolidation)	Duly made 23/11/2023	Application to vary and update the permit to modern conditions. Changes include a new brake fluid storage and treatment activity.
Additional information	22/01/2024	Information on the storage tanks and secondary containment.
Variation determined and consolidation issued EPR/AP3398LQ	14/03/2024	Varied and consolidated permit issued in modern format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/AP3398LQ

Issued to

Miswa Chemicals Limited (“the operator”)

whose registered office is

**Caswell Road
Brackmills
Northampton
NN4 7PW**

company registration number 01579877

to operate a regulated facility at

**54 Caswell Road
Brackmills
Northampton
NN4 7PW**

to the extent set out in the schedules.

The notice shall take effect from 14/03/2024

Name	Date
Sandra Cavill	14/03/2024

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/AP3398LQ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3398LQ/V002 authorising,

Miswa Chemicals Limited (“the operator”),

whose registered office is

**Caswell Road
Brackmills
Northampton
NN4 7PW**

company registration number 01579877

to operate an installation at

**54 Caswell Road
Brackmills
Northampton
NN4 7PW**

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

Name	Date
Sandra Cavill	14/03/2024

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6) the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6) the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6) waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2, S2.3 and S2.4; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

Hazardous waste storage and treatment

- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1 and S3.2;
 - (b) process monitoring specified in table S3.3;
 - (c) ambient air monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
 - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.
- 3.7.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
 - (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6) a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.
- 4.2.6 The operator shall submit an annual solvent management plan in order to demonstrate compliance with the requirements of the Industrial Emissions Directive, by 31 January each year in respect of the previous year.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.3 Part A (1) a (v) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving solvent reclamation or regeneration	R2: Solvent reclamation/regeneration	<p>Operation is to be limited to the separation of water from waste glycol.</p> <p>Treatment consisting only of screening, flocculation, centrifuging, filtration, distillation and condensing of hazardous waste.</p> <p>Limits shall be subject to pre-operational condition PO1 of Table S1.4.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.2.</p>
AR2	Section 5.3 Part A (1) a (v) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving solvent reclamation or regeneration	R2: Solvent reclamation/regeneration	<p>Operation is to be limited to the treatment of brake fluid.</p> <p>Treatment consisting only of filtration of waste.</p> <p>No more than 20 tonnes per day of hazardous waste shall be treated.</p> <p>The following wastes shall not be blended or mixed:</p> <ul style="list-style-type: none"> • wastes which react with one another • wastes which could be recovered with other wastes if this means that the waste must now be sent for disposal or a lower form of recovery • oils where this could negatively affect their regeneration or recycling • waste to deliberately dilute it <p>Treatment shall take place in a building on an impermeable surface with sealed drainage.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.3.</p>
AR3	Section 5.6 Part A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes.	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	<p>From receipt and storage of hazardous waste on site to its treatment. Storage of hazardous waste in tanks and IBCs.</p> <p>Wastes stored in bulk shall be stored in tanks TF03, TF50, TF51, TF52, TF54, TF55, TF56, TF57, TF58, TF62, and PR23 (as shown on drawing 'MD22024'). Tank capacities shall be as stated in Table S1.2.</p> <p>Tanks used for the storage of waste liquids shall be of a closed construction.</p> <p>All tanks shall be bunded in such a manner that spillages are contained and are not permitted to mix or react with incompatible materials within the bunded area.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>Each bund shall have an impermeable internal surface and shall have a minimum available capacity equal to 110% of the volume of the largest tank within it, and 25% of the combined volume of all the tanks the bund is protecting.</p> <p>All wastes shall be stored on site for no longer than 6 months.</p> <p>Notwithstanding the limits given above where a shorter storage time period is given in an agreed management plan then that time period shall take precedence.</p> <p>No waste types shall be submitted to this activity other than those hazardous wastes specified in Schedule 2, Tables S2.2 and S2.3.</p> <p>Incompatible materials are not permitted to mix or react.</p> <p>Storage of hazardous waste associated to activity AR1 shall be subject to pre-operational condition PO1 of Table S1.4.</p>
Directly Associated Activity			
AR4	Storage of processed materials (excluding temporary storage of hazardous waste under Section 5.6 A(1)(a))	R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	<p>From storage of processed materials to despatch off site for recovery.</p> <p>Storage of recovered fractions following treatment.</p>
AR5	Raw materials storage	Storage of raw materials including lubrication oil and diesel.	From the receipt of raw materials to despatch for use within the facility.
AR6	Abatement system.	Requirement and details subject to improvement condition IC4.	From the input of air to the abatement system to emission to air.
Activity reference	Description of activities for waste operations		Limits of activities
AR7	<p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/reclamation of other inorganic materials</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p>		<p>Operation is to be limited to the separation of water from waste glycol.</p> <p>Treatment consisting only of screening, flocculation, centrifuging, filtration, distillation and condensing of hazardous waste.</p> <p>Waste types suitable for acceptance are limited to those specified in Table S2.4.</p> <p>Limits shall be subject to pre-operational condition PO1 of Table S1.4.</p>

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/AP3398LQ/A001	The response to: <ul style="list-style-type: none"> • Part B section 5 in the Application. • 5a Table 2, Technical Standards • 5b Table 3 General Requirements - Accident Management Plan • 5d Table 5b Annual Throughput of waste • 5e Table 6 Types and amounts of Raw Materials • Part B Section 6 in the Application Emissions to air, water and land Table 7 • Part B Section 7 in the Application 7a and 7b • Part B Section 8 - Environmental Risk Assessment 	01/10/2008
Response to Schedule 5 Notice dated 23/12/2008	Response to questions 2, 3 and 4.	06/01/2009
Additional information	List confirming types waste and acceptance criteria	06/03/2009
Application EPR/AP3398LQ/V002	Application Forms C2 and C3 and referenced supporting documents.	Duly made 23/11/2023
Response to Schedule 5 Notice dated 10/01/2024	Details on tanks and secondary containment (document reference: "Additional info submission v3").	22/01/2024
	Email response confirming secondary containment for tank PR23 and use of penstock valve for external areas (reference: 'EPR/AP3398LQ/V002 Schedule 5 Notice CRM:0240004').	24/01/2024
Chemical waste: appropriate measures for permitted facilities Version published 18 November 2020	All parts of the appropriate measures guidance shall apply, except those parts which are not applicable.	N/A

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	Within 6 months of permit issue, monitor point source emissions as listed in Schedule 4 Table S4.1 and submit the results to the Environment Agency, confirming that they do not exceed the predicted emissions stated in the application. The methodology should be agreed with the Environment Agency, in writing, prior to monitoring commencement.	Completed
IC2	Submit a written plan to the Environment Agency for approval. The plan must contain information on the feasibility of an Effluent Treatment Plant to be built on site. The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan.	Completed
IC3	The operator shall submit a written report to the Environment Agency for approval that proposes a monitoring programme to characterise and assess the facility's point source emissions to air in accordance with the Emissions monitoring and limits appropriate measures of technical guidance chemical waste: appropriate measures for permitted facilities, dated 18 November 2020. The report shall detail the parameters and substances that	Submission of written report proposing monitoring programme: 2 months from the issue of permit variation EPR/AP3398LQ/V002

Reference	Requirement	Date
	<p>will be tested for, the monitoring methods and equipment that will be used, and a timetable for undertaking the monitoring.</p> <p>The monitoring programme shall be carried out as approved by the Environment Agency.</p> <p>A written report shall be submitted to the Environment Agency for approval detailing the results and conclusions of the emissions monitoring and assessment undertaken, including a completed H1 Environmental Risk Assessment and proposals for any ongoing monitoring or further assessment.</p>	<p>Submission of subsequent written report detailing monitoring and assessment results: 6 months from the issue of permit variation EPR/AP3398LQ/V002</p>
IC4	<p>The operator shall submit a written report to the Environment Agency for approval that reviews the potential to prevent or, where that is not practicable, reduce diffuse emissions to air of VOCs from the solvent treatment and storage, and ensures all appropriate measure are in place to control emissions.</p> <p>The review shall be made having regard to the Emissions control appropriate measures of the chemical waste: appropriate measures for permitted facilities, dated 18 November 2020.</p> <p>The report shall determine whether additional extraction and abatement measures are required and provide timescales for their installation where necessary. The report shall include the results of any monitoring undertaken to support the conclusions drawn.</p> <p>The operator must implement the report's finding as approved, and from the date stipulated by, the Environment Agency.</p>	<p>8 months from the issuing of permit variation EPR/AP3398LQ/V002 or other date as agreed in writing with the Environment Agency</p>

Reference	Reference	Reference
PO1	<p>Recommencement of activity AR1 and AR7 in table S1.1.</p>	<p>Prior to the recommencement of activity AR1 and AR7 authorised by table S1.1, including any waste acceptance, storage and treatment which are in temporary cessation [Note 1] under this variation notice, the operator shall apply to the Environment Agency to vary the permit and provide supporting documents in accordance with the requirements of the Waste Treatment BAT conclusions and Chemical Wastes: appropriate measures for permitted sites and other appropriate measures guidance as applicable.</p> <p>The activities permitted shall only recommence once the permit variation has been issued by the Environment Agency.</p>
PO2	<p>Commencement of activities in table S1.1.</p>	<p>The operator shall review and update their waste pre-acceptance, waste acceptance procedures and tracking to ensure that they meet the requirements of the Environment Agency's guidance Chemical waste: appropriate measures for permitted facilities referred to in Table S1.2.</p> <p>A copy of the updated procedures shall be submitted to the Environment Agency for approval.</p>
PO3	<p>Commencement of activities in table S1.1.</p>	<p>The operator shall provide the Environment Agency a final site plan that shows all emission points on site, including abatement plant.</p>

Note 1: In accordance with our Charging Scheme any reduction in subsistence fees due to a site being accepted by the Environment Agency as in temporary cessation (where activities have ceased for a period exceeding 12 months) is temporary and limited to a maximum period of 2 years.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Table S2.2 Permitted waste types and quantities for separation of water from hazardous waste glycol (activity reference AR1)	
Maximum quantity	The amount of waste processed per annum for all permitted activities shall not exceed 45,000 tonnes.
Waste code	Description
16 01 14*	antifreeze fluids containing dangerous substances
16 03 05*	organic wastes containing dangerous substances (wastes containing glycol only)
16 10 01*	aqueous liquid wastes containing dangerous substances (wastes containing glycol only)
16 10 03*	aqueous concentrates containing dangerous substances

Table S2.3 Permitted waste types and quantities for treatment of hazardous brake fluid (activity reference AR2)	
Maximum quantity	The amount of waste processed per annum for all permitted activities shall not exceed 45,000 tonnes.
Waste code	Description
16 01 13*	brake fluids

Table S2.4 Permitted waste types and quantities for separation of water from non-hazardous waste glycol (activity reference AR7)	
Maximum quantity	The amount of waste processed per annum for all permitted activities shall not exceed 45,000 tonnes.
Waste code	Description
05 07 99	wastes not otherwise specified (wastes containing glycol only)
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 03 06	organic wastes other than those mentioned in 16 03 05 (wastes containing glycol only)
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01 (wastes containing glycol only)
16 10 04	aqueous concentrates other than those mentioned in 16 10 03 (wastes containing glycol only)

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 Vents from storage tank TF03 (as shown on drawing 'MD22024')	Storage tank vent via carbon filter abatement system	No parameters set	No limit set	--	--	As specified in Table S3.3
A2 Vents from storage tank PR23 (as shown on drawing 'MD22024')	Storage tank vent via carbon filter abatement system	No parameters set	No limit set	--	--	As specified in Table S3.3
Vents from storage tanks TF50, TF51, TF52, TF54, TF55, TF56, TF57, TF58, TF62 (as shown on drawing 'MD22024') [Note 1]	Storage tank vent	No parameters set	No limit set	--	--	--

Note 1 – Emissions shall be subject to the pre-operational condition PO1

Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 emission to sewer, as shown in schedule 7	Uncontaminated surface water from areas of the site not used to store or treat wastes	No parameters set	No limit set	--	Daily	Visual assessment – no visible oil or grease
S2 emission to sewer, as shown in schedule 7	External yard drainage via an interceptor and penstock valve	No parameters set	No limit set	--	Daily	Visual assessment – no visible oil or grease

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other Specifications
Carbon filters on emission points A1 from solvent storage tanks	Efficiency assessment	As specified in the agreed abatement plan	Carbon filters shall be installed, maintained, operated and replaced in accordance with the manufacturer's	--

Table S3.3 Process monitoring requirements				
			recommendations [and with the agreed abatement plan outlined in IC4].	
Fugitive emissions from all sources identified in the Leak Detection and Repair (LDAR) programme	VOCs	Annually or otherwise agreed in accordance with the LDAR programme	sniffing method (BS EN 15446) or optical gas imaging	Diffuse emissions from all sources identified in the Leak Detection and Repair (LDAR) programme

Table S3.4 ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At a location or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on emissions from the waste management operations.	VOCs	Annually	As other specifications BS EN15446 for sniffing method	One or a combination of: i) measurement using sniffing methods - optical gas imaging, solar occultation flux or differential absorption ii) calculation of emissions based on emission factors (validated every 2 years) by measurement iii) mass balance using solvent input, point source emissions to air and water, solvent in process output and process residues

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Process monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January
Ambient air monitoring Parameters as required by condition 3.5.1	As agreed in writing by the Environment Agency.	Annually, or as agreed in writing by the Environment Agency.	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Hazardous waste treated - Recovery	tonnes
Non-hazardous waste treated - Recovery	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Process monitoring	Process Monitoring Form: version 1 or other form as agreed in writing by the Environment Agency	14/03/2024
Ambient air monitoring	Ambient Air Monitoring Form: version 1 or other form as agreed in writing by the Environment Agency	14/03/2024
Other performance indicators	Other Performance Parameters Reporting Form: version 1 or other form as agreed in writing by the Environment Agency	14/03/2024
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	14/03/2024
Waste returns	E-waste returns	--

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

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Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

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

“building” is a covered structure enclosed on all vertical sides that provides sheltered cover and contains emissions of, for example, noise, particulate matter, odour and litter.

“container” is a receptacle for waste for example bags, bins, boxes, drums, IBCs and blister packs. Wastes may be packaged in more than one receptacle for example a bag in a box.

“disposal” means any of the operations provided for in Annex I to the Waste Framework Directive.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“fugitive emission” means an emission to air, water or land from the activities which is not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“Leak detection and repair (LDAR) programme” means a structured approach to reduce fugitive emissions of organic compounds by detection and subsequent repair or replacement of leaking components. Currently, sniffing (described by EN 15446) and optical gas imaging methods are available for the identification of leaks under BAT 14 and section 6.2 of the Waste Treatment BAT Conclusions, Aug 2018.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means birds, vermin and insects.

“pollution” includes pollution of the environment, harm to human health and serious detriment to the amenities of the locality, resulting from the permitted activities.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on Waste.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“sealed container” for the purposes of this permit, means a container which is fully enclosed, weather proof, does not allow any solid or liquid content to escape and is lockable.

“sealed drainage” in relation to an impermeable surface means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquid will run off the surface otherwise than via the system, and
- except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump

“volatile organic compound” (VOC) means any organic compound as well as the fraction of creosote, having at 293.15 K a vapour pressure of 0.01 kPa or more, or having a corresponding volatility under the particular conditions of use.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels other than gas engines or gas turbines, 6% dry for solid fuels; and/or
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels ; and/or

in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content “year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table 2.2, for that table/those tables, they have the meaning given below:

‘hazardous substance’ means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008

‘heavy metal’ means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances

‘PCBs’ means

- polychlorinated biphenyls
- polychlorinated terphenyls

- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight

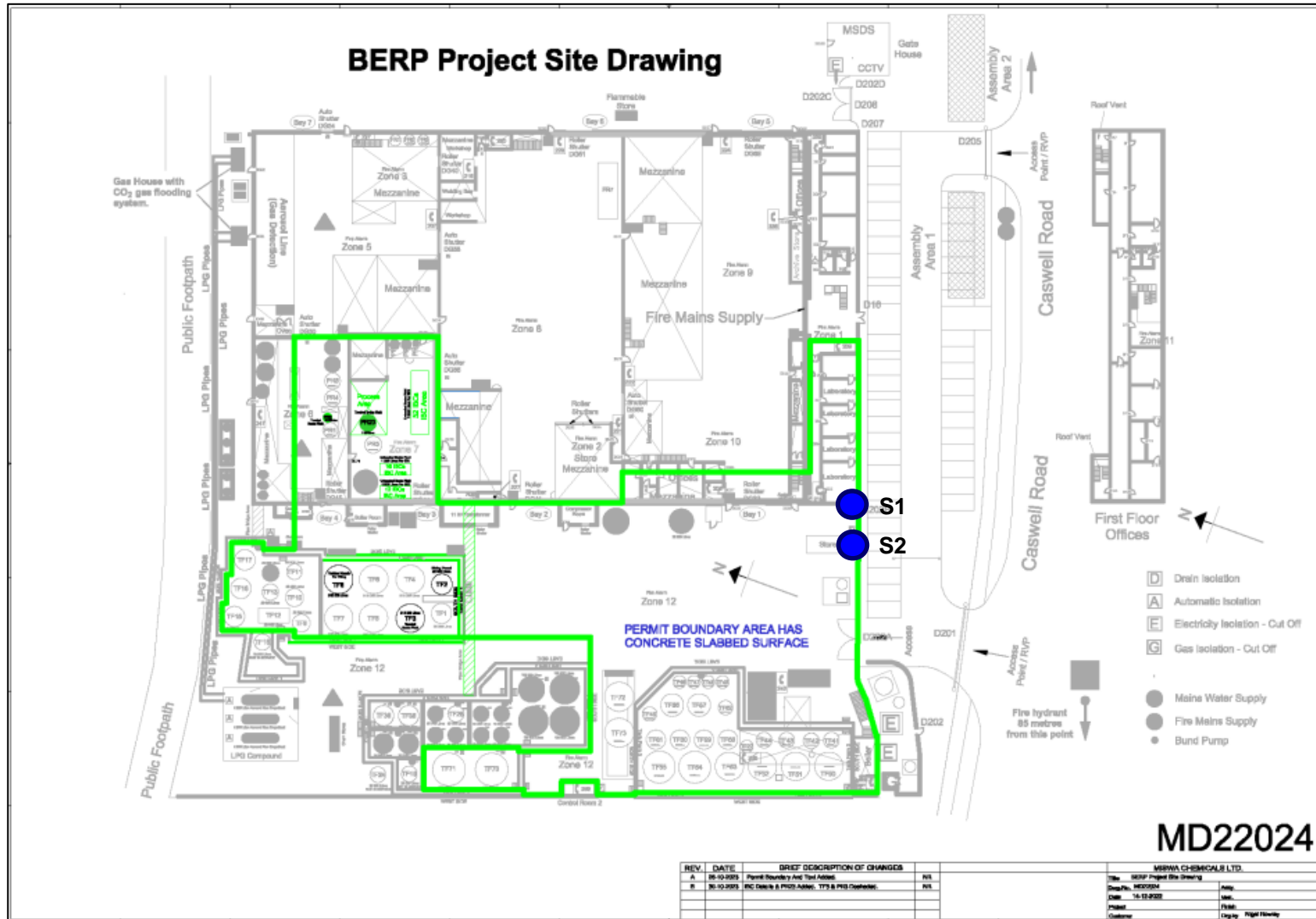
'transition metals' means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances

'stabilisation' means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste

'solidification' means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste

'partly stabilised wastes' means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term

Schedule 7 – Site plan



END OF PERMIT