Cyfoeth Naturiol Cymru
Natural Resources Wales

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Resources Management U.K. Limited

Withyhedge Landfill Site
Bowling Farm
Rudbaxton
Haverfordwest
Pembrokeshire
SA62 4DB

Variation application number

EPR/MP3330WP/V004

Permit number

EPR/MP3330WP

Withyhedge Landfill site
Permit number EPR/MP3330WP

Introductory note

This introductory note does not form a part of the notice.

The main features of the permit are as follows.

Withyhedge Landfill is located approximately 5.5 km north of Haverfordwest in Pembrokeshire, Wales, at Bowling Farm, Rudbaxton (National Grid Reference: SM 970 217). The site, which covers around 53 hectares, is permitted as a non-hazardous landfill and has been operational since the mid-1980s.

The landfill has been developed in three phases:

- Phase 1 is now closed and restored. Constructed before modern landfill standards, cell construction varies – from no engineered lining in the earliest cells, to informal liners using site-won clay, and later to formal engineered liners as standards and regulations improved.
- Phase 2 consists of 11 engineered cells, all built with formal basal liners. The majority of this phase is now closed and restored.
- Phase 3 is currently being developed and filled, with each cell constructed to meet current engineering and environmental standards. Historically, this area was considered part of Phase 2, but the Operator has now chosen to designate it as a separate phase. Phase 3 will continue to be regulated under the same framework and agreements that apply to Phase 2.

Leachate is collected and stored in tanks before being disposed of off-site. Landfill gas is actively extracted from the waste and used to generate electricity, or flared if generation is not possible.

Surface water runoff from capped surfaces of the landfill is directed to settlement ponds for attenuation and solids settlement, before being discharged to the Rudbaxton Water.

Restoration of Phases 1 and 2 has mainly used site-won subsoils and existing topsoil stockpiles. A permitted waste recovery activity enables the import of qualifying waste soils for use as engineering fill during cell construction and as restoration subsoil (with topsoil remaining site-won). These activities are managed through a Waste Recovery Plan and Construction Quality Assurance (CQA) plans as the site is developed.

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

Status log of the permit		
Description	**Date**	**Comments**
Permit determined EPR/BP3131SG	08/09/06	
Variation determined EPR/BP3131SG/V002	17/12/07	
Variation determined EPR/BP3131SG/V003	14/11/08	
Variation determined EPR/BP3131SG/V004	05/03/10	

Variation determined EPR/BP3131SG/V005 Consolidated permit number EPR/GP3630HT	16/09/10	Consolidation of permits EPR/HP3498FS and EPR/BP3131SG
Transfer determined EPR/GP3630HT/T001	18/02/11	
Variation determined EPR/GP3630HT/V002	18/05/11	
Variation determined EPR/GP3630HT/V003	08/05/12	
Variation determined EPR/GP3630HT/V004	12/06/13	
Variation determined EPR/GP3630HT/V005	03/02/14	
Application EPR/MP3330WP/T001 (full transfer of permit EPR/GP3630HT)	Duly made 28/07/14	Application to transfer the permit in full to Resources Management UK Limited
Transfer determined EPR/MP3330WP	29/09/14	Full transfer of permit complete
Regulator-initiated variation EPR/MP3330WP/V002	21/08/2019	Permit varied by Natural Resources Wales, Variation issued
Variation Application EPR/MP3330WP/V004 (PAN-025929)	Duly made 24/04/2025	Application to vary the permitted pre-settlement contours, vary the management and monitoring program, add a Waste Recovery Activity and consolidate and modernise the permit.
Regulator-initiated variation EPR/MP3330WP/V003 (PAN-027481)	13/05/2025	Permit varied by Natural Resources Wales to update Financial Provision
Additional information received in response to Schedule 5 Notice sent on 18/06/2025	09/07/2025	Waste Recovery Plan
Additional information received in response to Schedule 5 Notice sent on 28/08/2025	09/09/2025	Information relating to groundwater trigger levels for Nickel
Additional information received in response to Schedule 5 Notice sent on 07/10/2025	05/11/2025 18/12/2025 16/01/2026	Updated monitoring plans, Hydrogeological Risk Assessment Review and Supporting Information
Variation determined EPR/MP3330WP/V004	01/10/2026	Variation issued as a result of operator led variation application (PAN-027481) and Natural Resources Wales initiated review.

End of introductory note.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
EPR/MP3330WP

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/MP3330WP/V004 authorising

Resources Management U.K. Limited ("the operator"),

whose registered office is

Atlantic Eco Park
Newton Road
Rumney
Cardiff
Wales
CF3 2EJ

company registration number **02046398**

to operate an installation at:

Withyhedge Landfill Site
Bowling Farm
Rudbaxton
Haverfordwest
Pembrokeshire
SA62 4DB

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

Signed	Date
Holly Noble	**01/10/2026**

Authorised on behalf of Natural Resources Wales

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 Finance

1.2.1 The financial provision for meeting the obligations under this permit set out in the agreement made between the operator and Natural Resources Wales dated 13/05/2025, or other financial provision as subsequently agreed in writing with Natural Resources Wales, shall be maintained by the operator throughout the subsistence of this permit and the operator shall produce evidence of such provision whenever required by Natural Resources Wales.

1.2.2 The operator shall ensure that the charges it makes for the disposal of waste in the landfill cover all of the following:

(a) the costs of setting up and operating the landfill;

(b) the costs of the financial provision required by condition 1.2.1; and

(c) the estimated costs for the closure and aftercare of the landfill.

1.3 Energy efficiency

1.3.1 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) Implement any appropriate measures identified by a review.

1.4 Efficient use of raw materials

1.4.1 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.

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

1.5.1 The operator shall:

(a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;

(b) review and record at least every four years whether changes to those measures should be made; and

(c) 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”).

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in red 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 Natural Resources Wales.

2.3.2 If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales.

2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

2.5 Pre-operational conditions

2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4a have been completed.

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

2.6 Landfill Engineering

2.6.1 No construction of any new cell of the landfill shall commence until the operator has submitted construction proposals and Natural Resources Wales has confirmed that it is satisfied with the construction proposals.

2.6.2 Where the operator proposes to construct any new cell other than the first cell, but proposes no change from the design of the most recently approved cell which could have any impact on the performance of any element of the design, no construction of the new cell shall commence until the operator has submitted a cell layout drawing and Natural Resources Wales has confirmed that it is satisfied with the cell layout drawing.

2.6.3 The construction of a new cell shall take place only in accordance with the approved construction proposals unless:

(a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or

(b) a change has otherwise been agreed in writing by Natural Resources Wales.

2.6.4 No disposal of waste shall take place in a new cell until the operator has submitted a CQA Validation Report and Natural Resources Wales has confirmed that it is satisfied with the CQA Validation Report.

2.6.5 No construction of landfill infrastructure shall commence until the operator has submitted relevant construction proposals or a written request to use previous construction proposals and Natural Resources Wales has confirmed that it is satisfied with the construction proposals.

2.6.6 The construction of the landfill infrastructure shall take place only in accordance with the approved construction proposals unless:

(a) any change to the approved construction proposals would have no impact on the performance of any element of the design; or

(b) a change has otherwise been agreed in writing by Natural Resources Wales.

2.6.7 The operator shall submit a CQA Validation Report within four weeks of the completion of the construction of the relevant landfill infrastructure, or other time period agreed in writing with Natural Resources Wales.

2.6.8 Where pollution controls are immediately necessary to prevent an incident or accident, then conditions 2.6.5 and 2.6.6 do not apply and the relevant landfill infrastructure may be constructed, provided that the construction proposals are submitted to Natural Resources Wales as soon as practicable.

2.6.9 For the purposes of conditions 2.6.1, 2.6.2, 2.6.4 and 2.6.5, Natural Resources Wales shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the relevant construction proposals or CQA Validation Report, either:

(a) confirmed whether or not it is satisfied; or

(b) informed the operator that it requires further information.

2.6.10 Where Natural Resources Wales has required further information under condition 2.6.9(b), Natural Resources Wales shall be deemed to be satisfied where it has not, within the period of four weeks from the date of receipt of the further information, either:

(a) confirmed whether or not it is satisfied; or

(b) informed the operator that it requires further information.

2.7 Waste acceptance

2.7.1 Wastes shall only be accepted for disposal if:

(a) they are listed in schedule 2, table S2.1 or S2.3;

(b) they are non- hazardous waste or asbestos and construction materials containing asbestos;

(c) they are not whole used tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400mm);

(d) they are not shredded used tyres;

(e) they are not liquid waste (including waste waters but excluding sludge);

(f) they are not chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown;

(g) they are not wastes that are textiles and foam from waste upholstered domestic seating that contain persistent organic pollutants;

(h) they are not wastes that would be explosive, corrosive, oxidising, flammable or highly flammable in the landfill;

(i) they are not wastes separately collected for preparing for re-use and recycling, and

(j) they are not waste woods;

(k) all the relevant waste acceptance procedures have been completed;

(l) they fulfil the relevant waste acceptance criteria;

(m) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria;

(n) they are wastes which have been treated, except for: inert wastes for which treatment is not technically feasible; or it is waste other than inert waste and treatment would not reduce its quantity or the hazards which it poses to human health or the environment; and

(o) they are wastes with a code beginning with 07 05 and 16 03, they shall exclude waste medicinal products and pharmaceutically active waste materials arising from their manufacture.

2.7.2 Wastes shall only be accepted for restoration where:

(a) they are listed in schedule 2, table S2.2; and

(b) they are accepted in accordance with a restoration plan approved in writing by Natural Resources Wales.

2.7.3 Asbestos containing wastes and construction materials containing asbestos shall only be disposed of with other suitable wastes and not in cells containing biodegradable non-hazardous waste. Asbestos waste and construction material containing asbestos must meet the relevant waste acceptance criteria and must be covered daily and before each compaction operation with appropriate material.

2.7.4 The operator shall:

(a) visually inspect without unloading it, waste that is not in an enclosed container or enclosed vehicle on arrival at the landfill and waste at the point of deposit; and

(b) be satisfied that the waste conforms to the requirements of condition 2.7.1.

2.7.5 Where the operator has taken samples to establish that the waste is in conformity with the documentation submitted by the holder then the samples taken shall be retained for at least one month and results of any analysis for at least two years.

2.7.6 The operator on accepting each delivery of waste shall provide a receipt to the person delivering it.

2.7.7 The total quantity of waste that shall be deposited in the landfill shall be limited by the pre-settlement levels shown on drawing 'Proposed Pre-Settlement Landform and Landscaping Details' (drawing reference 2365/4) dated 05/2024.

2.7.8 The quantity of waste that is deposited in the landfill in any year shall not exceed the limits in schedule 1 table S1.5.

2.7.9 The operator shall maintain and implement a system which ensures that a record is made of the quantity, characteristics, date of delivery and, where practicable, origin of any waste that is received for disposal or recovery and of the identity of the producer, or in the case of municipal waste and multiple collection vehicles, of the collector of such waste. Any information regarded by the operator as commercially confidential shall be clearly identified in the record.

2.8 Leachate levels

2.8.1 The limits for the level of leachate listed in schedule 3 table S3.1 shall not be exceeded.

2.9 Closure and aftercare

2.9.1 The operator shall maintain a closure and aftercare management plan.

2.10 Landfill gas management

2.10.1 The operator shall take appropriate measures, including, but not limited to, those specified in any approved landfill gas management plan, to:

(a) collect landfill gas; and

(b) control the migration of landfill gas.

2.10.2 The operator shall use the collected landfill gas to produce energy. If the collected landfill gas cannot be used to produce energy, the operator shall use appropriate measures to flare or treat the gas in accordance with an approved landfill gas management plan.

2.10.3 The operator shall:

(a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a revised landfill gas management plan; and

(b) implement the revised landfill gas management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 The limits in Schedule 3 shall not be exceeded.

3.1.2 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.2 and S3.3.

3.1.3 The limits given in table S3.2 shall not be exceeded, save that compliance with an emission limit in that table shall include incorporation of the uncertainty allowance stated in Environment Agency guidance LFTGN 05 and LFTGN 08.

3.1.4 The operator shall prevent the input of any hazardous substances from the activities into groundwater.

3.1.5 There shall be no emission from the activities into groundwater of any non-hazardous pollutants so as to cause pollution

3.1.6 The operator shall submit to Natural Resources Wales a review of the Hydrogeological Risk Assessment:

(a) between nine and six months prior to the fourth anniversary of the granting of the permit; and

(b) between nine and six months prior to every subsequent six years after the fourth anniversary of the granting of the permit.

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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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; and

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour; and

(b) implement the revised odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration; and

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring and any other actions specified in the following tables in schedule 3 to this permit:

(a) Leachate specified in tables S3.1 and S3.10;

(b) Point source emissions specified in tables S3.2 and S3.3;

(c) Groundwater specified in tables S3.4 and S3.8;

(d) Landfill gas specified in tables S3.5, S3.7 and S3.9;

(e) Surface water specified in table S3.11; and

(f) Particulate matter specified in table S3.12.

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 A topographical survey of the site referenced to ordnance datum shall be carried out and shall be used to produce a plan of a scale adequate to show the surveyed features of the site:

(a) annually;

(b) prior to the disposal of waste in any new cell or new development area of the landfill; and

(c) following closure of the landfill or part of the landfill.

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, S3.2, S3.3, S3.4, S3.5 and 3.8, 3.10 unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution hazard or annoyance from pests; and

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

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 Natural Resources Wales, 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) the results of groundwater monitoring;

(ii) sub-surface landfill gas monitoring;

(iii) leachate levels, quality and quantities;

(iv) landfill gas generation and collection;

(v) waste types and quantities; and

(vi) the specification and as built drawings of the basal, sidewall and capping engineering systems.

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 Natural Resources Wales.

4.2 Reporting

4.2.1 The operator shall send reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.

4.2.2 A report or reports on the performance of the activities over the previous year ('the annual report') shall be submitted to Natural Resources Wales by 31 January each year or such other date as may be agreed in writing by Natural Resources Wales, with the exception of 4.2.2(c) that must be provided by the end of February 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 this permit against the relevant assumptions, parameters and results in the risk assessments submitted in relation to this installation and any agreed amendments thereto. The review will include written descriptions of the improvements made to operational performance during the year, action plans developed and planned improvements for the coming year;

(b) the energy consumed at the site, reported in the format set out in schedule 4 table S4.3;

(c) the annual production/treatment set out in schedule 4 table S4.2;

(d) the topographical surveys required by condition 3.5.3 other than those submitted as part of a CQA validation report;

(e) the volumetric difference (reported in cubic metres) between the most recent topographical survey and the previous annual topographical survey i.e. the additional volume of the landfill void that is occupied by waste;

(f) an assessment of the settlement behaviour of the landfill body based on the difference between the most recent topographical survey and previous annual topographical survey for the areas of the landfill which did not receive waste between the surveys;

(g) a calculation of the remaining capacity (reported in cubic metres) derived from the pre-settlement contours and the most recent topographical survey;

(h) a plan(s) ('the monitoring and extraction point plan – MEPP') showing the locations of existing and any new leachate and landfill gas extraction and monitoring points; and

(i) a summary of the results of any waste validation (level 3) testing you have carried out.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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) using the forms specified in schedule 4 table S4.4 or other reporting format as agreed in writing with Natural Resources Wales; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 Within one month of the end of each quarter, the operator shall submit to Natural Resources Wales 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.

4.2.5 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, 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.

4.3 Notifications

4.3.1 (a) In the event 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 Natural Resources Wales;

(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.

(a) in the event of a breach of any permit condition the operator must immediately—

(i) inform Natural Resources Wales; and

(ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

(b) in the event 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales, when the relevant monitoring is to take place. The operator shall provide this information to Natural Resources Wales, at least 14 days before the date the monitoring is to be undertaken.

4.3.4 Natural Resources Wales 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:

(c) any change in the operator's name or address; and

(d) any steps taken with a view to the dissolution of the operator;

In any other case:

(e) the death of any of the named operators (where the operator consists of more than one named individual);

(f) any change in the operator's name(s) or address(es); and

(g) 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.

4.4 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	**WFD Annex I and II operations (where applicable)**	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity**	**Limits of specified activity**
A1	D1 – Deposit into or onto land e.g. landfill D5 –Specially engineered landfill	Section 5.2 Part A(1)(a), the disposal of waste in a landfill	Landfill for non-hazardous waste	Receipt, handling and disposal of wastes, consisting of the types specified in Table S2.1 as an integral part of landfilling. The receipt, handling, and disposal of asbestos waste shall be limited to the types specified in Table S2.3. Disposal of asbestos waste shall be restricted to a single hazardous waste cell and shall not commence until NRW has provided written confirmation that pre-operational measure 6 for future development, as specified in Table S1.4A, has been completed. Quantities restricted to those specified in Table S1.5. Disposal of waste limited to ‘Phase 2’ and ‘Phase 3’ as shown on the Site Plan in Schedule 7 (document titled “Withyhedge Landfill Permit Variation 2023 Site Plan” document reference 2365/1r1, dated 03/2025). No further disposal of waste shall occur in capped areas of the landfill where pre-settlement levels (in

				accordance with condition 2.7.7.) have been achieved, unless otherwise agreed in writing with Natural Resources Wales.
Directly Associated Activities				
A2	R1 – use principally as a fuel to generate energy	Landfill Gas Management	Combustion of landfill gas for the purpose of electricity generation.	Treatment and utilisation of landfill gas arising from the landfill.
A3	N/A		Flaring of landfill gas.	Landfill gas arising from the permitted landfill.
A4	D15 – Storage pending any of the disposal operations R – Storage of waste pending any of the recovery operations	Leachate Management	Collection and storage of leachate prior to removal from site for disposal.	Leachate arising from the landfill. Storage pending removal by road tanker.
A5	D6 – release to waterbody except seas/oceans	Surface Water Management	Discharge of site drainage from the landfill.	From surface water management system to point of entry to controlled waters.
A6	N/A	N/A	Fuel storage	Storage of fuel in a fuel tank/ bowser for operation of plant and equipment.
A7	R5 – Recycling/reclamation of other inorganic materials	N/A	Deposit of waste for recovery	Annual quantities restricted to those specified in Table S1.5. In any event the total quantity of waste used shall not exceed the amount needed to complete the recovery operation to the final levels in the

				approved waste recovery plan received 09/07/2025 or any subsequent waste recovery plan agreed in writing with Natural Resources Wales [Note 1]. Only the waste types specified in table S2.2 shall be accepted for restoration. Such wastes shall only be used as specified in the approved waste recovery plan No waste shall be deposited into a water body or sub-water table.

Note 1: The waste recovery plan shall be reviewed every 5 years and approved in writing by Natural Resources Wales

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Operating techniques	Operating techniques agreed prior to the issuing of permit variation EPR/MP3330W/V004 have been consolidated in a separate document referenced 'Table S1.2 Withyhedge Landfill Operating Techniques'	-
Review of Waste Inputs and Waste Acceptance Procedure for Cell 9	Report number 2481r1v1d1024	04/11/2024
Variation Application EPR/MP3330WP/V004 – not duly made response	Drawing reference 'Proposed Pre-Settlement Landform and Landscaping Details', drawing number 2365/4, dated 05/2024	21/03/2025
	Drawing reference 'Surface Water Management system, drawing number 2365/16, dated 03/25'	21/03/2025
Variation Application EPR/MP3330WP/V004	Waste Recovery Plan (document reference 'Waste Recovery Plan for use of soils in restoration and engineering, report number 2528r1v1d0325, dated March 2025)	09/07/2025

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
(PAN-025929) - response to Schedule 5 Notice dated 18/06/2025	Waste Acceptance Procedure for Soils for Restoration (document reference 'Waste Acceptance Procedure for Soils for Restoration v1.1, dated 30/07/2025')	30/07/2025
Variation Application EPR/MP3330WP/V004 (PAN-025929) - response to informal information request sent on 18/08/2025	Phase 2 Surface Water Management System (document reference Withyhedge Landfill Phase 2 Surface Water Management System, Design and Construction Validation Report, report number 2548r1v1d0425, dated April 2025)	20/08/2025
Waste Acceptance Procedures	RML - Waste Acceptance (NSSL ARL Only) – v2.0	02/09/2025
Waste Phasing Plan for Cell 10	10Cell 10 Infilling Plan. Report Number 2590r1v1d0925	09/2025
Variation Application EPR/MP3330WP/V004 (PAN-025929) - response to Schedule 5 Notice dated 07/10/2025	Hydrogeological Risk Assessment Review (document reference 'Hydrogeological Risk Assessment Review, report number 2365r2v2d1025, dated October 2025), specifically: section 10.3 'Surface Water' section 10 'Requisite Surveillance' section 11 'New Triggers and Controls'	16/01/2026
	Supporting Information (document reference 'Withyhedge Landfill Permit Variation EPR MP330WP Supporting Information, report number 2365r2vd1025, dated October 2025), specifically: section 5.5 Perimeter Ground Gas Monitoring 'Proposed Restoration Surface Gradient', drawing number 2365/5, dated 04/2023	16/01/2026
Waste Acceptance Procedures	RML - Waste Acceptance (NSSL ARL Only) – v2.0	02/09/2025
Response to Improvement Condition 20	All updated Management Plans approved by Natural Resources Wales in accordance with Improvement Condition 20	-

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
1 - 19	Improvement conditions stipulated prior to the issuing of permit variation EPR/MP3330W/V004 have been consolidated in a separate document referenced 'Table S1.3 Withyhedge Landfill Improvement Conditions'. These are considered completed (or superseded).	-
20	The operator shall review and update its Environmental Management System (EMS) to reflect all the changes introduced by the variation. This includes, but is not limited to, an updated: • Landfill Gas Management Plan • Leachate Management Plan • Odour Management Plan The updated EMS shall take into account all relevant guidance and: • detail any revised operational procedures and controls • update roles and responsibilities where applicable • include any new monitoring, reporting, or record-keeping requirements and; • include evidence of staff training or awareness related to the changes. The operator shall submit the updated EMS to Natural Resources Wales for approval by the date specified.	Within 6 months of EPR/MP3330WP/V004 permit issue or as otherwise agreed in writing with Natural Resources Wales.
21	The operator shall produce an interim review of the Hydrological Risk Assessment (HRA) for the site. The HRA shall take into consideration data gathered following implementation of the new monitoring programme, outlined in 'Hydrogeological Risk Assessment Review (report number 2365r2v2d1025, dated October 2025) The operator should submit the review to Natural Resources Wales for approval.	31st December 2027

Table S1.4 Pre-operational measures	
Reference	**Pre-operational Measures**
1-4	Pre-operational measures stipulated prior to the issuing of permit variation EPR/MP3330W/V004 have been consolidated in a separate document referenced 'Table S1.4 and S1.4A Withyhedge Landfill Pre-operational Measures'. These are considered completed (or superseded).

Table S1.4 Pre-operational measures for Future Development	
Reference	**Pre-operational Measures**
1-5, 7, 8	Pre-operational measures for future development stipulated prior to the issuing of permit variation EPR/MP3330W/V004 have been consolidated in a separate document referenced 'Table S1.4 and S1.4A Withyhedge Landfill Pre-operational Measures'. These are considered completed (or superseded).
6	Prior to the construction of a new cell for the deposit of asbestos wastes in Phase's 2 or 3 of the landfill. Detailed construction design proposals shall be submitted for approval and shall include consideration of impact of design upon existing leachate management infrastructure , access to asbestos cell – if across closed cells a review of assumptions made in Stability Risk assessments for closed cells, asbestos waste acceptance and placement methodology and an asbestos monitoring procedure.
9a	Prior to the construction of a new cell for the deposit of asbestos wastes in Phase's 2 or 3 of the landfill. The operator shall review the particulate risk assessment in light of the increased rate of waste deposit and future construction activities and shall submit a written proposal, for approval, for 12 months dust deposition and particulate monitoring along the site boundary to assess impacts from dust with a view to establishing the need for permanent monitoring and particulate emission limits. The proposed plan shall be prepared in accordance with the relevant standards contained within Environment Agency guidance documents: • Monitoring emissions to air, land and water (MCERTS): Monitoring guides for air
9b	On completion of 9a, the Operator shall submit the particulates risk assessment for approval prior to the commencement of construction of a new cell for asbestos wastes in Phase's 2 or 3 of the landfill. Upon completion of 12 months monitoring data the operator shall review and submit the Agency the particulates risk assessment. The review shall include: • Quantification of emissions from the site;

Table S1.4 Pre-operational measures for Future Development	
Reference	**Pre-operational Measures**
	• Identification of off site receptors and impacts • An assessment of the effectiveness of control measures including a detailed appraisal of alternative control measures; Recommendations, and timetable for implementation, for the establishment of alternative control measures and ongoing monitoring of dust and particulates emissions at the installation where identified as necessary.
10	Prior to the construction of any new landfill cells within Phase 3, the Operator shall undertake a review of groundwater monitoring data to assess if any control measures are required to ensure an unsaturated zone of 1.0m is maintained beneath the base of the engineered lining of the cell. The findings of the review, including the monitoring data and justification for any control measures (or no control measures) shall be documented and submitted within the CQA Plan for the cell. The CQA Plan must be approved by Natural Resources Wales prior to the cell being constructed.
11	Prior to the construction of any new landfill cells within Phase 3 (including any enabling works such as soil stripping), the Operator shall construct a surface water management system capable of effectively managing surface run-off from the whole development area C. A CQA Plan for the surface water management system and its construction should be submitted to Natural Resources Wales. The CQA Plan must be approved by Natural Resources Wales, and the surface water system fully operational prior to the cell being constructed. Alternatively, the Operator should submit evidence to prove that the existing surface water management system for Phase 3 is capable of effectively managing the additional surface run-off.

Table S1.5 Annual waste input limits	
Category	**Limit Tonnes/ Year**
Non-hazardous waste	250,000
Inert waste	
Asbestos wastes [Note 1]	5,000
Waste for restoration	50,000
Total	305,000

Note 1: Asbestos wastes only permitted once pre-operational measures for future development references 6, 9a and 9b have been satisfied and agreed in writing with Natural Resources Wales

Schedule 2 – List of permitted wastes

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
Exclusions	Wastes having any of the following characteristics shall not be accepted: - wastes separately collected for preparing for re-use and recycling - waste woods
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	**wastes from physical and chemical processing of metalliferous minerals**
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 04	**wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 02	**wastes from the preparation and processing of meat, fish and other foods of animal origin**
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
03	**Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard**
03 01	**wastes from wood processing and the production of panels and furniture**
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
03 03 02	green liquor sludge (from recovery of cooking liquor)
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 09	lime mud waste
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**Wastes from the leather, fur and textile industries**
04 01	**wastes from the leather and fur industry**
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 06	sludges, in particular from on-site effluent treatment containing chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	**wastes from the textile industry**
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
05	**Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal**
05 01	**wastes from petroleum refining**
05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 13	boiler feedwater sludges

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
05 01 14	wastes from cooling columns
05 01 17	bitumen
05 06	**wastes from the pyrolytic treatment of coal**
05 06 04	waste from cooling columns
06	**Wastes from inorganic chemical processes**
06 03	**wastes from the MFSU of salts and their solutions and metallic oxides**
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 05 03	sludges from on-site effluent treatment other than those mentioned in 06 05 02
06 09	**wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes**
06 09 02	phosphorous slag
06 11	**wastes from the manufacture of inorganic pigments and opacificiers**
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 13	**wastes from inorganic chemical processes not otherwise specified**
06 13 03	carbon black
07	**Wastes from organic chemical processes**
07 01	**wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11
07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	waste containing silicones other than those mentioned in 07 02 16
07 03	**wastes from the MFSU of organic dyes and pigments (except 06 11)**
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 04	**wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides**
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 05	**wastes from the MFSU of pharmaceuticals**
07 05 14	solid wastes other than those mentioned in 07 05 13
07 06	**wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics**
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11
08	**Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks**
08 01	**wastes from MFSU and removal of paint and varnish**
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 02	**wastes from MFSU of other coatings (including ceramic materials)**
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 03	**wastes from MFSU of printing inks**
08 03 07	aqueous sludges containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 04	**wastes from MFSU of adhesives and sealants (including water proofing products)**
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
09	**Wastes from the photographic industry**
09 01	**wastes from the photographic industry**
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 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	**Wastes from thermal processes**
10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 21	sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02	**wastes from the iron and steel industry**
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	**wastes from aluminium thermal metallurgy**
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 20	flue-gas dust other than those mentioned in 10 03 19
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	**wastes from lead thermal metallurgy**
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	**wastes from zinc thermal metallurgy**
10 05 01	slags from primary and secondary production

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 05 04	other particulates and dust
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	**wastes from copper thermal metallurgy**
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 16	flue-gas dust other than those mentioned in 10 08 15
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	**wastes from casting of ferrous pieces**
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	**wastes from casting of non-ferrous pieces**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	**wastes from manufacture of glass and glass products**
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	sludges and filter cakes from gas treatment
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
10 13 14	waste concrete and concrete sludge
11	**Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy**
11 01	**wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	**wastes from non-ferrous hydrometallurgical processes**
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	**wastes from hot galvanising processes**
11 05 01	hard zinc
11 05 02	zinc ash
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	**Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified**
15 01	**packaging (including separately collected municipal packaging waste)**
15 01 01	paper and cardboard packaging
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

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
15 01 07	glass packaging
15 01 09	textile packaging
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**Wastes not otherwise specified in the list**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 03	end-of-life tyres
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 02	**wastes from electrical and electronic equipment**
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 08	**spent catalysts**
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	**waste linings and refractories**
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**wood, glass and plastic**
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	**metals (including their alloys)**
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 09	**other construction and demolition wastes**
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	**Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)**
18 01	**wastes from natal care, diagnosis, treatment or prevention of disease in humans**
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 02	**wastes from research, diagnosis, treatment or prevention of disease involving animals**
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	chemicals other than those mentioned in 18 02 05

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 01	**wastes from incineration or pyrolysis of waste**
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 03	**stabilised/solidified wastes**
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	**vitrified waste and wastes from vitrification**
19 04 01	vitrified waste
19 05	**wastes from aerobic treatment of solid wastes**
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 06	**wastes from anaerobic treatment of waste**
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 10	**wastes from shredding of metal-containing wastes**
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
19 11	**wastes from oil regeneration**
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	**Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions**
20 01	**separately collected fractions (except 15 01)**
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes

Table S2.1 Permitted waste types for disposal at a landfill for non-hazardous waste	
Waste code	**Description**
20 01 11	textiles
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	**other municipal wastes**
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 07	bulky waste

Table S2.1A Waste types previously permitted for disposal – Phase 1
Description
Contaminated land
Sewage sludge
Filter cake
Asbestos
Slag (including boiler or flue cleaning)
Mineral processing wastes
Silt and dredgings
Contaminated water
Scrap rubber (including tyres)
Fats, waxes and greases
Contaminated rubbish

Table S2.1A Waste types previously permitted for disposal – Phase 1
Description
Empty used containers
Industrial effluent treatment sludges
Interceptor pit wastes
Paint waste
Tannery and fellmongers waste
Waste treated timber
Soap and detergents
Animal processing wastes
Food processing wastes
Glue wastes

Table S2.2 Permitted waste types for waste recovery	
Waste code	Description
01	**Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals**
01 01	**wastes from mineral excavation**
01 01 02	Wastes from non metalliferous excavation
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those containing dangerous substances
01 04 09	waste sand and clays
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 04	**Wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
10	**Wastes from thermal processes**
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
17	**Construction and demolition wastes**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics
17 03	**bituminous mixtures, coal tar and tarred products**

17 03 02	Road base and road planings other than those containing coal tar
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 04	Soil and stones (topsoil, peat, subsoil and stones)
17 05 08	Track ballast, soil and stones other than those containing dangerous substances
19	**Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use**
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 09	Minerals (such as sand and stones) from the treatment of waste aggregates that are otherwise naturally occurring minerals. This excludes fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard or residual fines from mechanical treatment of mixed waste at transfer stations
19 12 12	Crushed bricks, tiles, concrete and ceramics, including mixtures of materials. This excludes metal from reinforced concrete and fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard or residual fines from mechanical treatment of mixed waste at transfer stations

Table S2.3 Permitted waste types for disposal in the asbestos cell Note 1	
Waste code	**Description**
16	**Wastes not otherwise specified in the list**
16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)**
16 01 11*	Brake pads containing asbestos
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**
17 06	insulation materials and asbestos-containing construction materials
17 06 01*	insulation materials containing asbestos
17 06 05*	construction materials containing asbestos

Note 1: Asbestos wastes only permitted once pre-operational measures for future development references 6, 9a and 9b have been satisfied and agreed in writing with Natural Resources Wales

Schedule 3 – Emissions and monitoring

Table S3.1 Leachate level limits and monitoring requirements			
Monitoring point reference/ Description	**Limit**	**Monitoring frequency**	**Monitoring standard and method**
LE1, LE2, LE3, LE4, LE5, LE6, LW1, LW2, LW4, LD3, Cell 11 Sump E, Cell 11 Sump W, , Cell 13 Sump 1, Cell 13 Sump 2, Cell 14 Sump, Cell 15 Sump LMV1, LMV2, LM1, LM2, LM3(S), LM3(N), LM4, LM5, L4, L5, C4NLM1, C4NLM2, C5SLM1, C5NLM1, C5NLM2, C4/5SLM1, C4/5SLM2, C6LM1, C7LM1 and C8LM1 as shown on drawing titled "Leachate Monitoring Wells" (drawing number 2365/11, dated 10/2025) or any updated drawing as agreed in writing with Natural Resources Wales.	1m above the cell basal liner	Monthly Must revert to Weekly if any section of the cap is temporarily removed.	As specified in Monitoring of landfill leachate, groundwater and surface water: LFTGN 02 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales. Or as otherwise agreed with Natural Resources Wales as part of a leachate monitoring plan.
C9ALM1, C9BLM1, C9CLM1, C10ALM1 and C10BLM1	1m above the cell basal liner	Weekly reducing to Monthly following capping of the entire cell. Must revert to Weekly if any section of the cap is temporarily removed	

Table S3.1 Leachate level limits and monitoring requirements			
Monitoring point reference/ Description	**Limit**	**Monitoring frequency**	**Monitoring standard and method**
All subsequent new leachate monitoring points within cells constructed in Phase 3 and any additional monitoring points agreed in writing with Natural Resources Wales.	1m above the cell basal liner	Weekly reducing to Monthly following capping of the entire cell. Must revert to Weekly if any section of the cap is temporarily removed	

Table S3.2 Point source emissions to air – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (including unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Engine Exhaust 1 and Engine Exhaust 2 (locations as outlined in RML letter (dated 2nd Oct 2007) and identified on Drawing reference: SN103/AB/004 (dated September 2007	Oxides of Nitrogen (NOx)	Gas Utilisation Plant	500 mg/m^3	Hourly mean	Annually	In accordance with Monitoring landfill gas engine emissions: LFTGN 08 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales
	Carbon Monoxide (CO)		1400 mg/m^3			
	Total VOCs		1000 mg/m^3			
	Oxides of Nitrogen (NOx)		No limit	-	Quarterly[Note1]	Portable combustion gas analyser In accordance with Environment Agency document LFTGN 08 Monitoring landfill gas engine emissions: LFTGN 08 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales
	Carbon Monoxide (CO)		No limit	-		

Table S3.2 Point source emissions to air – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (including unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Flare Stack as identified on Drawing reference: SN103/AB/004 (dated September 2007)	Oxides of Nitrogen	Landfill Gas Flare	150 mg/m^3	Hourly mean	Annually	In accordance with Environment Agency document LFTGN 08 Monitoring landfill gas engine emissions: LFTGN 08 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales Monitoring is unnecessary where the flare is active for <10% of the year.
	Carbon Monoxide (CO)		50 mg/m^3			
	Total VOCs		10 mg/m^3			

All emissions are reported under the following conditions. Temperature 0ºC (273K), pressure 101.3 kPa and oxygen 5% dry gas.

Note 1: frequency may be increased depending on concentrations of the inlet gases and the individual engine drift rate. Testing frequency to be reviewed annually by the operator and reported to Natural Resources Wales in accordance with condition 4.2.2

Table S3.3 Point source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (incl unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
D1, D2 and D3 Note 1 as shown on plan named 'Surface Water Monitoring Points', drawing	pH		6 to 9 (pH units)	Spot Sample	Monthly	In accordance with Environment Agency document LFTGN02 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water' (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.
	Total Suspended solids		30 (mg/l)			
	Ammoniacal Nitrogen		0.5 (mg/l)			

Table S3.3 Point source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (incl unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
number 2365/9r2, dated 10/2025 or any updated plan as agreed in writing with Natural Resources Wales	Biological Oxygen Demand		17 (mg/l)			
	Chemical Oxygen Demand		150(mg/l)			
	Chloride		250 (mg/l)			

Note 1: The limits and monitoring requirements for emission point D3 do not apply until Phase 3 is operational and pre-operational measure for future development 11 is approved by Natural Resources Wales.

Table S3.4 Groundwater – emission limits and monitoring requirements					
Monitoring point reference	**Parameter**	**Limit (including unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
BH1, BH2, BH3, BH4, BH5, BH6, BH8, BH12, BH29, BH30, BH33, TP9, TP11, TP12 and BH104	Ammoniacal Nitrogen	12.0 mg/l	Spot Sample	Monthly	As specified in Environment Agency Guidance Monitoring of landfill leachate, groundwater and surface water: LFTGN 02 - GOV.UK or such other subsequent guidance as may be agreed in writing with Natural Resources Wales
	Chloride	500.0 mg/l			
	Nickel	0.05 mg/l Note 1		Quarterly	
	Phenol	0.15 mg/l Note 1			

Table S3.4 Groundwater – emission limits and monitoring requirements					
Monitoring point reference	**Parameter**	**Limit (including unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
as shown on drawing titled "Groundwater Monitoring Wells" (document reference 2365/10r2, dated 10/2025) or any updated plan as agreed in writing with Natural Resources Wales	Cadmium	0.0095 mg/l Note 1			
	Mecoprop	0.018 mg/l			
	Naphthalene	0.002 mg/l			
	Electrical Conductivity	No limit			

Note 1: Or other limit(s) as agreed in writing with Natural Resources Wales following the approval of Improvement Condition 23

Table S3.5 Landfill gas in external monitoring boreholes – limits and monitoring requirements				
Monitoring point Ref. /description	**Parameter**	**Limit (including units)**	**Monitoring frequency**	**Monitoring standard or method**
BH24G, BH25G, BH26G, GW1G, BH27G, BH28G, TP10G, TP9G, TP11G, TP12G, BH104G, BH10G, BH33G, BH11G, BH12G, BH13G, BH14G, BH15G, BH16G, BH17G, BH19AG, BH1G, BH2G, BH3G, BH4G, BH5G, BH6G, BH30G as shown on drawing titled "Perimeter Gas Wells" (document reference 2365/12, dated 10/2025) or any updated plan as agreed in writing with Natural Resources Wales	Methane	1.2% v/v	Monthly	As specified in Environment Agency Guidance Management of landfill gas: LFTGN 03 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales. Record whether the ground is: • waterlogged • frozen • snow covered
	Oxygen	No limit		
	Carbon Dioxide	No limit		
	Hydrogen Sulphide	No limit		
	Atmospheric pressure	No limit		
	Differential Pressure	No limit		
	Groundwater levels	No limit		

Table S3.6 Point source emissions to sewer, effluent treatment plant or by tankering or other transfer off-site – emission limits and monitoring requirements						
Emission point Ref. & Location	**Parameter**	**Source**	**Limit (including unit)**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Leachate storage tanks as identified on drawing reference: Wth-SPMP-0608, dated: 2008	Volume transferred off-site	Leachate from the permitted landfill	No limit	Spot sample	Volume of each load shall be recorded	-

Table S3.7 Landfill gas emissions from capped surfaces for cells that have accepted non hazardous biodegradable waste – monitoring requirements				
Monitoring point Ref. /description	**Parameter**	**Monitoring frequency**	**Monitoring Standard or method**	**Other specification**
Permanently capped zone	Average methane flux and total methane emission	Every 12 months Note 1	Flame ionisation detector walkover, flux box or as otherwise agreed in writing with Natural Resources Wales.	Where the average zone emission rate of 0.001 mg/m^2 /second is exceeded appropriate measures must be taken to reduce the rate.
Temporarily capped zone			As specified in Environment Agency Guidance Monitoring landfill gas surface emissions: LFTGN 07 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.	Where the average zone emission rate of 0.1 mg/m^2 /second is exceeded appropriate measures must be taken to reduce the rate.

Note 1: If a cap has previously been shown compliant and there have been no significant physical changes in the gas management during the year, a detailed walkover survey can be used to demonstrate that the surface emissions are under control. If this survey shows no change in the pattern of methane emission, it may be used as the annual survey and the values for average methane flux and total methane emissions measured in the

previous year may be reported. A quantitative survey is not necessary. If the zone remains stable, the results of a detailed walkover survey will be acceptable for the annual report for a period of four years before a further quantitative survey is required.

Table S3.8 Groundwater – other monitoring requirements			
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**
BH17, BH18, BH19A, BH24A, BH25, BH26 GW1, BH27, BH28, BH34, TP10, TP9, TP11, TP12, BH104, BH14, BH15, BH16, BH33, BH10, BH11, BH12, BH13, BH29, BH1, BH2, BH3, BH4, BH5, BH6, BH7, BH8, BH9, BH30, BH38 as shown on drawing titled "Groundwater Monitoring Wells" (document reference 2365/10, dated 10/2025) or any updated plans agreed in writing with Natural Resources Wales	Water level	Monthly, Quarterly, Annually	As specified in Monitoring of landfill leachate, groundwater and surface water: LFTGN 02 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales. Or as otherwise agreed with Natural Resources Wales as part of a groundwater monitoring plan.
	pH		
	Electrical conductivity		
	Ammoniacal Nitrogen		
	Chloride		
	Temperature	Quarterly, Annually	
	Dissolved Oxygen		
	Nickel (filtered)		
	Cadmium (filtered)		
	Mecoprop		
	Naphthalene		
	Phenol		
	Phenols (total)		
	Copper (filtered)		
	Calcium		
	Magnesium		
	Sodium		
	Potassium		
	Total Alkalinity		
	Sulphates		
	Cyanide		
	Iron (filtered)		
	Manganese (filtered)		
	Mercury (filtered)		
	Chromium (filtered)		

	Lead (filtered)		
	Zinc (filtered)		
	Nitrate		
	Nitrite		
	Hazardous Substances	Annually	
	Base of monitoring point (mAoD)		

Table S3.9 Landfill gas – other monitoring requirements

Monitoring Point Ref. /Description	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
All gas collection wells and any other (in-waste) gas monitoring points.	Methane	Fortnightly unless otherwise agreed in writing with Natural Resources Wales	v/v ± 0.1%	Calibrated handheld monitoring instrument
	Carbon Dioxide		v/v ± 0.1%*	
	Oxygen		v/v ± 0.1%*	
	Carbon Monoxide		ppm	
	Hydrogen Sulphide		v/v ± 0.1%*	
	Atmospheric Pressure		± 1mb*	
	Differential Pressure		± 1mb*	
	% Balance Gas Note 1		v/v ± 0.1%*	
	Valve Settings		Operational check	Open, partially open or closed
	Meteorological Data		As specified in Environment Agency Guidance Management of landfill gas: LFTGN 03 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.	-

Table S3.9 Landfill gas – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
A sample of the source gas at the inlet to the Gas Utilisation Compound	Methane	Fortnightly unless otherwise agreed in writing with Natural Resources Wales	v/v ± 0.1%	Calibrated handheld monitoring instrument
	Carbon Dioxide		v/v ± 0.1%*	
	Oxygen		v/v ± 0.1%*	
	Carbon Monoxide		ppm	
	Hydrogen sulphide		v/v ± 0.1%*	
	Atmospheric pressure		± 1mb*	
	Differential pressure		± 1mb*	
	% Balance Gas Note 1		v/v ± 0.1%*	
	Gas Flow		± 1m^3/hr	
	Meteorological Data		As specified in Environment Agency Guidance Management of landfill gas: LFTGN 03 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.	-

Table S3.9 Landfill gas – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
	Trace Gas	Annually	Trace gas analysis in accordance with Monitoring trace components in landfill gas: LFTGN 04 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales [or a trace gas characterisation method agreed with Natural Resources Wales].	The concentration of trace gas components shall be assessed against the assumptions made in the Landfill gas risk assessment and dispersion modelling.
Flare Stack as identified on Drawing reference: SN103/AB/004 (dated September 2007)	Temperature	Daily (when operational)	Spot Reading	As specified in Monitoring enclosed landfill gas flares: LFTGN 05 (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.

Note 1: Calculated as the difference between the sum of measured gases and 100%

Table S3.10 Leachate – other monitoring requirements			
Monitoring point reference or description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**
All leachate monitoring wells and sumps.	Depth to base(mAoD)	Annually	
LW1, LW2, LW4, LE1, LE6, LD3, Cell 11 Sump W, Cell11 Sump E, Cell 13 Sump 1, Cell 13 Sump 2, Cell 14 Sump, Cell 15 Sump. as shown on drawing titled "Leachate Monitoring Wells" (drawing number 2365/11, dated 10/2025) or any updated drawing as agreed in writing with Natural Resources Wales.	pH	Annually	As specified in Monitoring of landfill leachate, groundwater and surface water: LFTGN 02 - GOV.UK (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales. Or as otherwise agreed with Natural Resources Wales as part of a leachate monitoring plan.
	Electrical Conductivity		
	Temperature		
	Dissolved Oxygen		
	Ammoniacal Nitrogen		
	Chloride		
	Nickel (filtered)		
	Cadmium (filtered)		
	Mecoprop		
	Naphthalene		
	Phenol		
	Phenols (total)		
	Copper (filtered)		
	Calcium		
	Magnesium		
	Sodium		
	Potassium		
	Total Alkalinity		
	Sulphates		
	Cyanide		

Table S3.10 Leachate – other monitoring requirements			
Monitoring point reference or description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**
	Iron (filtered)		
	Manganese (filtered)		
	Mercury (filtered)		
	Chromium (filtered)		
	Lead (filtered)		
	Zinc (filtered)		
	Nitrate		
	Nitrite		
	Hazardous substances	Once every 2 years	
LV1, LV2, LV3, LV4, L1, L2, L3, C4NL1, C5NL1, C5NL2, C6L1, C7L1, C8L1, C9AL1, C9BL1, C9CL1 and C10AL1, C10BL1 as shown on drawing titled "Leachate Monitoring Wells" (drawing number 2365/11, dated 10/2025) or any updated drawing as agreed in writing with Natural Resources Wales. All subsequent new leachate sumps within cells constructed in Phase 3.	Leachate level	Quarterly	
	pH	Once every 6 months	
	Electrical Conductivity		
	Temperature		
	Dissolved Oxygen		
	Ammoniacal Nitrogen		
	Chloride		
	Nickel (filtered)		
	Cadmium (filtered)		
	Mecoprop		
	Naphthalene		
	Phenol		

Table S3.10 Leachate – other monitoring requirements			
Monitoring point reference or description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**
	Phenols (total)		
	Copper (filtered)		
	Calcium		
	Magnesium		
	Sodium		
	Potassium		
	Total Alkalinity		
	Sulphates		
	Cyanide		
	Iron (filtered)		
	Manganese (filtered)		
	Mercury (filtered)		
	Chromium (filtered)		
	Lead (filtered)		
	Zinc (filtered)		
	Nitrate		
	Nitrite		
	Hazardous substances	Once every 2 years	

Table S3.11 Surface water – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
SP1, SP3, SP5, SP7, SP9, as shown on drawing titled "Surface Water Monitoring Points" (document reference 2365/19, dated 10/2025) or any updated drawing as agreed in writing with Natural Resources Wales	pH	Monthly	Spot sample	As specified in Environment Agency Guidance TGN02 'Monitoring of Landfill Leachate, Groundwater and Surface Water' (June 2014) or such other subsequent guidance as may be agreed in writing with Natural Resources Wales.
	Electrical Conductivity			
	Temperature			
	Dissolved Oxygen			
	Ammoniacal Nitrogen			
	Chloride			
	Nickel (filtered)			
	Cadmium (filtered)			
	Mecoprop			
	Naphthalene			
	Phenol			
	Phenols (total)			
	Biological Oxygen Demand			
	Chemical Oxygen Demand			
	Phosphate			
	Total Suspended Solids			
	Mercury (filtered)			
D1, D2 and D3 Note 1 as shown on drawing titled "Surface Water Monitoring Points"	Electrical Conductivity			
	Temperature			
	Dissolved Oxygen			
	Nickel (filtered)			

Table S3.11 Surface water – other monitoring requirements				
Monitoring Point Ref. /Description	**Parameter**	**Monitoring frequency**	**Monitoring standard or method**	**Other specifications**
(document reference 2365/19, dated 10/2025) or any updated drawing as agreed in writing with Natural Resources Wales	Cadmium (filtered)			
	Mecoprop			
	Naphthalene			
	Phenol			
	Phenols (total)			
	Phosphate			
	Mercury (filtered)			

Note 1: The limits and monitoring requirements for emission point D3 do not apply until Phase 3 is operational and pre-operational measure for future development 11 is approved by Natural Resources Wales

Table S3.12 Particulate matter in ambient air - monitoring requirements Note 1					
Monitoring Point Ref. /Description	**Parameter**	**Limit**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
20m downwind of asbestos disposal cell	Asbestos Fibres	Where total fibre concentration exceeds 0.01 fibres/ ml in any sample, that sample must be submitted for electron microscopy to confirm the	2 hours	Twice per year or every 5000 tonnes asbestos deposited, whichever is greater	While asbestos is being deposited. • Pumped sampling • 1m above ground level • Flow rate = 4 litres/ minute • Minimum sample volume = 480 litres • Filter pore size = 1.2µm Asbestos fibre limit of detection = 0.001 fibres/ ml
50m upwind of asbestos disposal cell	Asbestos Fibres		2 hours	During all downwind monitoring	

Table S3.12 Particulate matter in ambient air - monitoring requirements [Note 1]					
Monitoring Point Ref. /Description	**Parameter**	**Limit**	**Reference Period**	**Monitoring Frequency**	**Monitoring Standard or Method**
Site boundary downwind of asbestos disposal cell	Asbestos Fibres	concentration of asbestos fibres present	2 hours	Minimum twice per year	

Note 1: Monitoring only required when site is depositing asbestos wastes

Schedule 4 – Reporting

Table S4.1 Reporting of monitoring data		
Parameter	**Reporting period**	**Period ends**
Leachate level As specified by schedule 3, table S3.1	Every 3 months	31 March, 30 June, 30 September, 31 December
Point source emission to air As specified by schedule 3, table S3.2	Every 12 months	31 December
Point source emission to water (other than sewer) As specified by schedule 3, table S3.3	Every 3 months	31 March, 30 June, 30 September, 31 December
Emission to groundwater As specified by schedule 3, table S3.4	Every 3 months	31 March, 30 June, 30 September, 31 December
Landfill gas in external monitoring boreholes As specified by schedule 3, table S3.5	Every 3 months	31 March, 30 June, 30 September, 31 December

Table S4.1 Reporting of monitoring data		
Parameter	**Reporting period**	**Period ends**
Emissions to sewer, effluent treatment plant or by tankering or other transfer off-site As specified by schedule 3, table S3.6	Every 3 months	31 March, 30 June, 30 September, 31 December
Emission of landfill gas from capped surfaces As specified by schedule 3, table S3.7	Every 12 months	31 December
Other groundwater monitoring As specified by schedule 3, table S3.8	Every 3 months	31 March, 30 June, 30 September, 31 December
Other Landfill gas monitoring As specified by schedule 3, table S3.9 Trace gas monitoring	Every 3 months Every 12 months	31 March, 30 June, 30 September, 31 December 31 December
Other leachate monitoring As specified by schedule 3, table S3.10	Every 12 months	31 December
Other surface water monitoring As specified by schedule 3, table S3.11	Every 12 months	31 December
Particulate matter in ambient air As required by schedule 3, table S3.12	Every 6 months Note 1	30 June, 31 December
Meteorological data Landfill Directive, annex III, section 2	Every 12 months	31 December

* - where the reporting period is 12 months, you may submit this information as part of the ‘annual report’ required by condition 4.2.2.

Note 1: Monitoring only required when site is depositing asbestos wastes

Table S4.2: Annual production/treatment	
Leachate: Disposed of off site;	Cubic metres/year
Landfill gas: combustion in flares; combustion in gas engines; Other methods of gas utilisation.	Normalised cubic metres/year

Table S4.3 Performance Parameters			
Parameter	**Frequency of assessment**	**Annual total**	**Unit**
Energy used (including for leachate treatment)	Annually		MWh of electricity or natural gas

Table S4.4 Reporting Forms		
Media/parameter	**Reporting Format**	
Leachate	Reporting format as agreed in writing with Natural Resources Wales	
Air		
Controlled water		
Groundwater		
Landfill gas		
Performance		
Particulate matter Note 1		
Waste Return	E-waste Return Form	

Table S4.4 Reporting Forms		
Media/parameter	**Reporting Format**	
Landfill topographical surveys and interpretation	Reporting format to be agreed in writing with Natural Resources Wales	

Note 1: Monitoring only required when site is depositing asbestos wastes

Schedule 5 – Notification

This page outlines 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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
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 permit condition	
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	
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 in the event 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	
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 supplied 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	
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.

"*annually*" means once every year.

"*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 Natural Resources Wales 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.

"*Background concentration*" means such concentration of that substance as is present in:

- For emissions to surface water, the surface water quality up-gradient of the site; or
- For emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge; or
- For emissions of landfill gas, the ground or air outside the site and not attributable to the site.

(a) *"Cell layout drawing"* means: A drawing or drawings of the proposed new cell that illustrate(s) in sufficient detail:

(iv) the location of the new cell on the site;

(v) the proposed level (Above Ordnance Datum) of the base of the excavation;

(vi) the proposed finished levels of all containment and leachate drainage layers;

(vii) the positions of leachate management infrastructure; and

(viii) the positions of landfill gas infrastructure (if appropriate).

(b) A detailed written explanation of any minor design changes from the most recently approved cell that result from the new cell layout. This would include, for example:

(i) changes to slope length and gradient within the cell;

(ii) new leachate or landfill gas infrastructure construction design;

(iii) slope stability issues such as new basal excavation level; and/or

(iv) depth of waste.

"Construction Proposals" means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the New Cell or Landfill Infrastructure.

"CQA Validation Report" means the final "as built" construction and engineering details of the New Cell or of the Landfill Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;
- "As-built" plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the New Cell or Landfill Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

"*emissions to land*" includes emissions to groundwater.

"*EP Regulations*" means The Environmental Permitting (England and Wales) Regulations 2010, SI 2010 No.675. Words and expressions used in this permit which are also used in those 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 or background concentration limit.

"*exceeded*" means that a value is above a permitted limit, or where a range of values or a minimum value is set as a permitted limit it means a value outside that range or below the minimum value, whichever is applicable.

"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 substances*" as defined by the Environmental Permitting (England and Wales) Regulations 2010, SI 2010 No.675, schedule 22 and listed in our Hydrogeological risk assessment guidance, annex J to our H1 risk assessment guidance.

"Landfill Infrastructure" means any specified element of the:

- permanent capping;
- temporary capping (i.e. engineered temporary caps not cover materials);
- leachate abstraction systems;
- leachate transfer, treatment and storage systems;
- surface water drainage systems;
- leachate monitoring wells;
- groundwater monitoring boreholes;

- landfill gas monitoring boreholes;
- landfill gas management systems;
- lining within the installation.

within the site.

"Liquids" means any liquid other than leachate within the engineered landfill containment system.

"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, as amended from time to time.

"inert waste" means waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater

"Medicinal product" means any medicine licensed by the Medicines and Healthcare products Regulatory Agency (MHRA) or their predecessors under the Medicines Act 1968, section 130.

"M2" means Environment Agency Guidance Monitoring of stack emissions to air.

"New Cell" means any new cell, part of a cell or other similar new area of the site where waste deposit is to commence after issue of this permit and can comprise:

- groundwater under-drainage system;
- permanent geophysical leak location system;
- leak detection layer;
- sub-grade;
- Geological barriers;
- Geosynthetic liners;
- leachate collection system;
- leachate abstraction system;
- separation bund/layer;
- cell or area surface water drainage system;
- side wall subgrade and containment systems;

for the New Cell.

"MEPP" Monitoring and extraction point plan, required by condition 4.2.2(h) to specify extraction points and routine monitoring locations.

"MCERTS" means Natural Resources Wales's Monitoring Certification Scheme.

"No impact" means that the change made to the construction process will not affect the agreed design criteria, specification or performance in a way that has a negative effect.

"Pests" means Birds, Vermin and Insects.

"*Pollution*" means any emission as a result of human activity which may—

(a)be harmful to human health or the quality of the environment,

(b)cause offence to a human sense,

(c)result in damage to material property, or

(d)impair or interfere with amenities or other legitimate uses of the environment;

"Previous year" means the 12 month period preceding the month the annual report is submitted in.

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

"Relevant waste acceptance procedures" means the procedure for the acceptance of waste at landfills and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

"Relevant waste acceptance criteria" means the waste acceptance criteria and the associated sampling and test methods specified in the Council Decision Annex (2003/33/EC, European Council of 19 December 2002).

"Review of the Hydrogeological Risk Assessment" means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the EP Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the permit continue to meet the requirements of the EP Regulations.

"Sustainably extracted" means where suction can be applied to the extraction wells such that a flow rate of landfill gas, with a methane content capable of either being combusted, or treated by bio-oxidation, can be extracted without increasing the risk of air ingress to the waste or inducing aerobic degradation within the waste.

"Waste code" - See 'List of Wastes'.

"*wastes separately collected for preparing for re-use and recycling*" means any waste paper, card, cartons, metal, plastic, glass, food, small electrical and electronic equipment or textiles for landfill if that waste has been separately collected for the purposes of preparing for re-use or recycling as defined in The Prohibition on the Incineration, or the Deposit in Landfill, of Specified Waste (Wales) Regulations 2023

"*waste wood*" means any waste wood (whether or not separately collected) as per The Prohibition on the Incineration, or the Deposit in Landfill, of Specified Waste (Wales) Regulations 2023

"WFD" means Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste [and repealing certain Directives] – the Waste Framework Directive.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means the standards included in Environment Agency Guidance for Monitoring Enclosed Landfill Gas Flares LFTGN 05 or Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

Where the following terms appear in the waste code list in Tables S2.1, S2.2. or S2.3, 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;

"polychlorinated biphenyls and polychlorinated terphenyls" ("PCBs") means PCBs as defined in Article 2(a) of Council Directive 96/59/EC'. Article 2(a) says that '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;

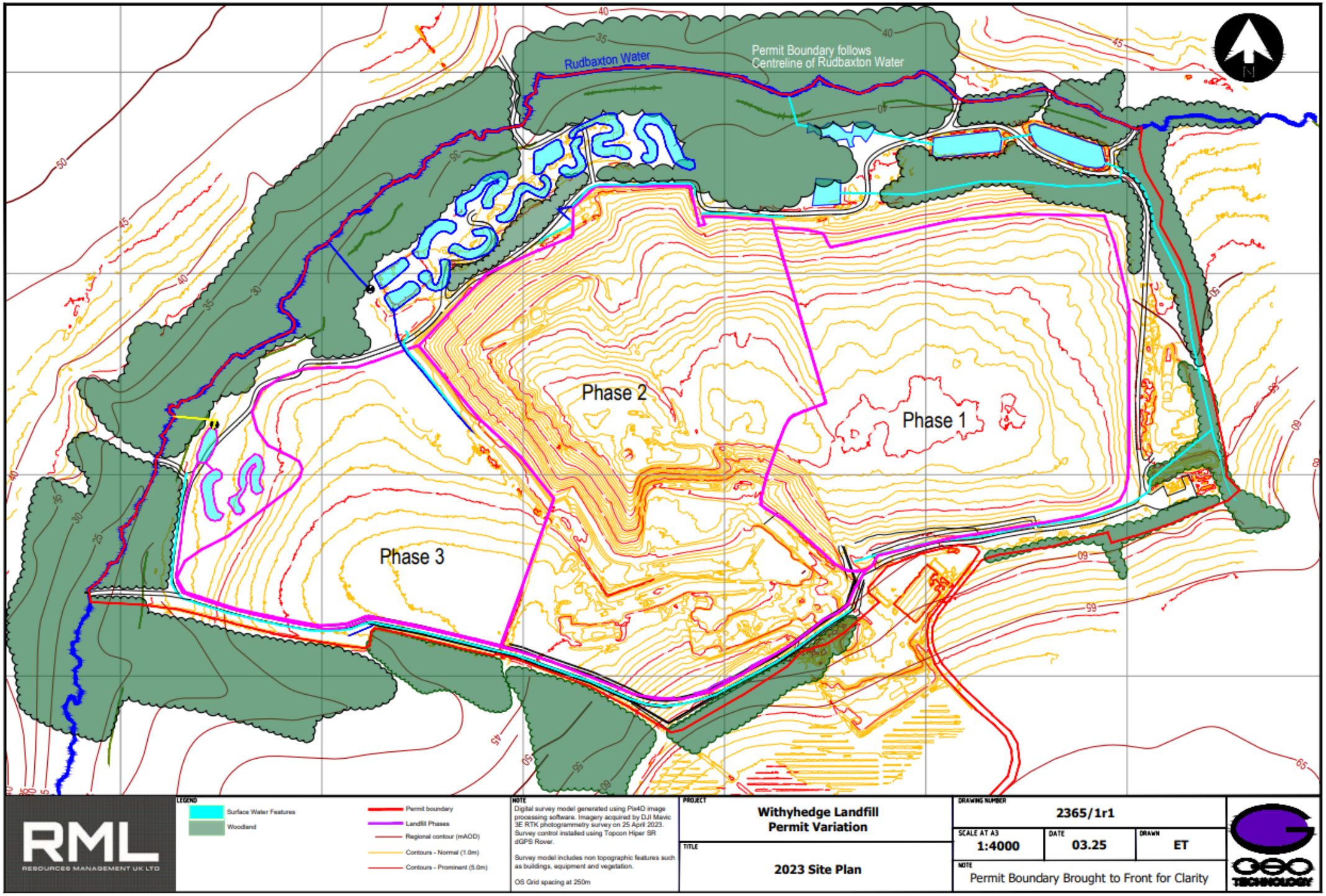
"transition metals" means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified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

"year" means calendar year ending 31 December

Schedule 7 - Site plan



END OF PERMIT.