

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

New Horizon Biofuel & Animal Beddings
Co Ltd

New Horizon Biofuel and Animal
Bedding Co Ltd
Units 9, 10 & 11
Vauxhall Industrial Estate
Ruabon
Wrexham
LL14 6HA

Variation number
EPR/CB3797CA/V002

New Horizon Biofuel and Animal Bedding Co Ltd

Permit number EPR/CB3797CA

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This is a Tier 3 bespoke permit for a hazardous and non-hazardous waste physical treatment facility. Which includes separate activities for the storage and treatment of:

- Hazardous and non-hazardous plastic recycling facility
- A wood recycling facility for the recovery of non-treated waste woods
- A tyre recycling facility for the recovery of end-of-life tyres

Plastic recycling

Treatment operations are limited to manual and/or mechanical sorting, separation, screening, drum/container washing, baling, pelletising, flaking, dehydrating, shredding, granulating, crushing, compaction and bulking up. Treatment is for the purpose of recovery or disposal. The only permitted treatment of hazardous waste is bulking up.

Wood recycling

Treatment operations are limited to manual and/or mechanical sorting, separation, compaction, shredding, shredding (using a hammermill), drying, bailing of untreated waste woods for the purposes of recovery.

‘Treated’ waste woods are not allowed to be processed through site operations.

Tyre recycling

Treatment operations are limited to manual and/or mechanical sorting, separation, compaction, shredding, granulation, baling for the purpose of recovery.

Permitted waste types are hazardous and non-hazardous plastic waste, end-of-life tyres and untreated waste woods.

The maximum quantity of waste accepted and processed on site shall not exceed 173,650 tonnes per year with a maximum of 3,650 tonnes of hazardous waste plastics.

Unit 9 activities covered by this permit:

- external areas are limited to waste acceptance storage and shredding.
- internal areas are limited to plastics treatment plant, waste wood recycling facility.

Unit 10 activities covered by this permit:

- external areas are limited to waste acceptance and storage of hazardous and non hazardous waste.
- no internal areas are to be used for the treatment or storage of waste.

Unit 11 activities covered by this permit:

- external areas are limited to waste acceptance and storage and shredding.
- internal areas are limited to plastic treatment, and tyre recycling

Activities carried out on site, but not covered by this permit:

- internal areas of Unit 9- wood treatment plant (permitted under local authority part B authorisation) including drying via drying floors.
- external areas of Unit 9- wood and non-waste materials storage
- internal areas of Unit 10- non-waste materials storage

Relevant storage thresholds have been included in the permit to reflect the legal waste facility operational limits; above which, the site would be operating as an Industrial Emissions Directive installation. (See Table S1.1 for relevant limits.)

This permit does not allow any point source emission into surface waters or groundwater except:

- clean, rainfall dependant drainage from areas of the site not used in connection with the storage and/or treatment of waste, and
- integral discharge(s) from the permitted activity (external areas of the site used in connection with the storage and/or treatment of waste) in accordance with the limits set out in Table S1.1.

There are to be no emissions to surface and/or groundwater from the buildings on site.

All emissions from the activity which are not controlled via actual emission limits, are controlled through the 'emission of substances not controlled by emission limits condition' and any all relevant process requirements set out in Tables S1.1 and S1.2.

The burning of any wastes, either in the open, inside buildings or in any form of incinerator is not permitted.

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

Status log of the permit

Description	Date	Comments
Application EPR/CB3797CA/A001	Duly made 05/10/22	Application for hazardous and non-hazardous waste physical treatment facility.
Permit determined EPR/CB3797CA	07/02/23	Permit issued to New Horizon Biofuel & Animal Beddings Co Ltd

Status log of the permit		
Description	Date	Comments
Application EPR/CB3797CA/V002	Duly Made 05/03/2024	Application to vary the permit to: <ul style="list-style-type: none"> • Increase permitted area to include Unit 11 • Increase the annual throughput to 173,650 tonnes • Add a waste wood processing activity • Addition of a tyre recycling facility
Additional information received in response to Schedule 5 Notice dated 25/04/24	15/05/2024	Additional information including updated: <ul style="list-style-type: none"> • Dust Management Plan • Noise Impact Assessment • Fire Prevention & Mitigation Plan • Environmental Management System • Environment Risk Assessment • Non-Technical Summary • Site Layout & Fire Plan
Additional information received	10/07/2024	Additional information including updated: <ul style="list-style-type: none"> • Dust Management Plan • Fire Prevention & Mitigation Plan • Environmental Management System • Environment Risk Assessment • Site Layout & Fire Plan
Additional information received	25/07/2024	Additional information consisting of a Site Drainage Plan
Additional information received	31/07/2024	Additional information including updated: <ul style="list-style-type: none"> • Environmental Management System
Permit determined EPR/CB3797CA	14/08/2024	Varied and consolidated permit issued to New Horizon Biofuel & Animal Bedding Co Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
EPR/CB3797CA

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/CB3797CA/V002 authorising.

New Horizon Biofuel & Animal Beddings Co Ltd (“the operator”),
whose registered office is

Fanshawe House
Amy Johnson Way
York
England
YO30 4TN

company registration number 11777941
to operate waste operations at

New Horizon Biofuel and Animal Bedding Co Ltd
Units 9, 10 and 11
Vauxhall Industrial Estate
Ruabon
Wrexham
LL14 6HA

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

Name	Date
Louise Bailey	14/08/2024

Authorised on behalf of Natural Resources Wales

Conditions

1 Management

1.1 General management

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

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

- 1.2.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

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

2.3 Operating techniques

- 2.3.1 (a) 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.

- (b) 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.

2.3.2 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1 [, S2.2 etc.]; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Technical requirements

Hazardous waste storage and treatment

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

2.5 Improvement programme

2.5.1 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.

2.5.2 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.

2.6 Pre-operational conditions

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

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

3.1.1 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.

3.1.2 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;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.1.3 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.

3.2 Odour

- 3.2.1 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.
- 3.2.2 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;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.3 Noise and vibration

- 3.3.1 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 Pests

- 3.4.1 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.
- 3.4.2 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;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales.

3.5 Fire

- 3.5.1 The operator shall manage and operate the activities in accordance with a written fire prevention and mitigation plan using the current, relevant fire prevention and mitigation plan guidance.
- 3.5.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention and mitigation plan which identifies and minimises the risks of fire;
 - (b) Operate the activity in accordance with the fire prevention and mitigation plan, from the date of submission, 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) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by Natural Resources Wales.

4.2 Reporting

4.2.1 The operator shall send all 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 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.

4.3 Notifications

4.3.1 Natural Resources Wales shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; or any significant adverse environmental effects.
- (c) any significant adverse environmental effects.

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 and/or spot sampling 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:

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

In any other case:

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

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

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

4.4 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 "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities

Activity reference	Description of activities for waste operations	Limits of activities
A1 Hazardous and Non-Hazardous Waste Physical Treatment Facility	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection on the site where it is produced).</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p> <p>D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13</p>	<p>All hazardous and non-hazardous waste must be stored and treated on an impermeable surface with sealed drainage.</p> <p>The maximum quantity of hazardous waste that can be stored at the site in total for recovery or disposal, shall not exceed 50 tonnes at any one time.</p> <p>Hazardous waste must be kept within clearly identified, secure containers.</p> <p>Treatment operations shall be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> - sorting - separation - screening - drum/container washing - baling - pelletising - extruding - wrapping - agglomerating - bale breaking - flaking - dehydrating - shredding (plastics only) - granulating - crushing - compaction - bulking up <p>of permitted waste for the purpose of recovery and/or disposal.</p> <p>There shall be no treatment of hazardous waste other than bulking up.</p> <p>Permitted activities in the external areas of Unit 9 are limited to waste acceptance storage and shredding. Permitted activities in the internal areas of Unit 9 are limited to plastics treatment plant.</p> <p>Permitted activities in the external areas of Unit 10 are limited to waste acceptance and storage of hazardous waste. There are no permitted activities in the internal areas of Unit 10.</p> <p>Permitted activities in internal areas Unit 11 are limited to the treatment of plastics. Permitted activities in external areas of Unit 11 are limited to the shredding (excluding hammermill)</p> <p>Waste types as specified in Table S2.1.</p>

<p>A2 Wood Recycling facility</p>	<p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>All non-hazardous waste must be stored and treated on an impermeable surface with sealed drainage to sump.</p> <p>Treatment operations will be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> - sorting - separation - compaction - shredding - drying - shredding using a hammer mill - baling <p>of permitted waste for the purpose of recovery.</p> <p>Treatment of waste to improve fuel quality for incineration or co-incineration shall be limited to no more than:</p> <ul style="list-style-type: none"> - 50 tonnes per day where carried out for the purpose of disposal, and/or - 75 tonnes per day where carried out for the purpose of recovery or a mix of recovery and disposal. <p>No wood recycling activities may take place in the external areas of Unit 9. Where wood recycling activities take place at Unit 9 they must take place inside the building.</p> <p>No wood recycling activities are to take place in external or internal areas of Unit 10.</p> <p>Wood recycling activities undertaken at Unit 11 may take place externally.</p> <p>Shredding using the hammermill may only take place within the Unit 9 building.</p> <p>Waste types as specified in Table S2.2.</p>
<p>A3 Tyre Recycling Facility</p>	<p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p> <p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p>	<p>All non-hazardous waste must be stored and treated on an impermeable surface with sealed drainage to sump.</p> <p>Treatment operations will be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> - sorting - separation - compaction - shredding - granulation - baling <p>of permitted waste for the purpose of recovery.</p> <p>All treatments of tyres (with the exception of bulking) will occur within a dedicated building at Unit 11.</p> <p>Waste types as specified in Table S2.3.</p>

	<p>Discharge of integral site drainage (process effluent) from the emission points indicated on the Site Drainage Plan reference 'VIE/2704/05' as incorporated in Table S1.2 of this permit.</p>	<p>Drainage consisting solely of:</p> <ul style="list-style-type: none"> - clean, rainfall dependant drainage from areas of the site not used in connection with the storage and/or treatment of waste - run-off from the impermeable surface from external areas of the site used to store clean and uncontaminated plastics only. <p>via a full retention interceptor.</p> <p>All other waste storage/treatment areas shall drain to a sealed sump.</p> <p>No visible oil or grease shall be present in the discharge.</p> <p>There shall be no discharge from the buildings on site used to store and/or treat waste.</p>
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Table S1.2 Operating techniques

Description	Parts	Date Received
Technical Guidance Document: 'How to comply with your environmental permit'	All relevant sections	N/A
Sector Guidance Note IPPC S5.06: Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste	All relevant sections	N/A
Fire prevention and mitigation plan guidance - Waste Management	All relevant sections	N/A
Additional information received	<p>Environmental Noise Impact Assessment (P2385-REP02-REV B-BDH), dated 15 May 2024</p> <p>Sections:</p> <ul style="list-style-type: none"> - 8.2 Preliminary Noise Management Plan (NMP) - Appendix E 	15/05/2024
Additional information received	<p>Dust Management Plan (VIE-2704-I), dated 08 July 2024</p> <ul style="list-style-type: none"> - all parts 	10/07/2024
	<p>Fire Prevention and Mitigation Plan (VIE-2704-B), dated 10 June 2024</p> <ul style="list-style-type: none"> - all parts 	10/07/2024
	<p>Site Layout & Fire Plan Drawing VIE/2704/03, dated 10.07.24</p>	10/07/2024
Additional information received	<p>Site Drainage Plan Drawing VIE/2704/05, dated 24.11.23 [indicating Units 9, 10 & 11]</p>	25/07/2024

Table S1.2 Operating techniques		
Description	Parts	Date Received
Additional information received	<p>Environmental Management System (VIA-2704-A), dated 31 July 2024.</p> <p>Sections:</p> <ul style="list-style-type: none"> - 2.8 Drainage - 2.10 Mobile and fixed plant maintenance - 3.1 Preliminary procedures [pre-acceptance] - 3.2 Checking in & inspections of loads (containers) [acceptance] - 3.3 Checking in & inspections of loads (general) [acceptance] - 3.4 Rejected / quarantined waste - 3.6 Waste treatment - 3.7 Waste storage (hazardous plastic) - 3.9 Sampling and analysis - 4.1 Breakdowns and spillages - 4.6 Odour control - 4.7 Litter control & management 	31/07/2024

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IPC1	<p>The external area of Unit 10 includes an area of permeable hardstanding ground which is a potential pathway to the environment. In regards to this hardstanding ground operator must provide a written report that outlines a proposal to remove this potential pathway this may consider the following options but is not limited to them:</p> <ul style="list-style-type: none"> • Resurfacing the permeable area with impermeable surfacing • Provide additional kerbing and/or drainage around the permeable area. • Provide a robust risk assessment from a geoscientist that demonstrates that a contaminated water cannot enter the environment even if discharged through this permeable surface. <p>Following the approval of the proposal outlined in the written report any physical changes to site infrastructure need to be made on site.</p>	<p>Initial Report deadline:</p> <p>3 months from issue of this permit.</p> <p>Completion of works (if needed):</p> <p>9 months from issue of permit.</p>

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IPC2	<p>Following successful commissioning and establishment of routine steady operation¹, the Operator shall undertake a BS 4142:2014+A1:2019 noise impact assessment following guidance set out in Noise and Vibration Management: Environmental Permits and Method implementation document (MID) for BS 4142, to demonstrate that impacts do not exceed those specified in the Environmental Noise Impact Assessment (P2385-REP02-REV B-BDH).</p> <p>Upon completion of the work, a written report shall be submitted to Natural Resources Wales for approval.</p>	6 months after permit issue or otherwise agreed in writing with Natural Resources Wales

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
FPO1	Unit 11 Tyre Recycling and Non-Hazardous Plastics Recycling	<p>The Operator shall not start undertaking activities associated with the treatment and storage of waste until they have demonstrated to Natural Resources Wales that all relevant infrastructure is present on site and is fit for purpose. This includes:</p> <ul style="list-style-type: none"> • Buildings • Fire walls • Drainage interceptors, silt traps and catchment pits. <p>The above infrastructure should be in line with the specifications outlined in the Fire Prevention and Mitigation Plan, and Environmental Management Plan documents as listed in Table S1.2 Operating Techniques.</p> <p>When the operator has completed the construction (where necessary) of all infrastructure and evidence is in place that it is fit for purpose the operator should submit a written report outlining this to NRW for approval.</p>

¹ Routine steady operation is defined as “normal operation” consists of any operation of the plant not including shutdown and abnormal operation, unless additional definitions are agreed in writing with Natural Resources Wales

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for Hazardous and Non-Hazardous Waste Physical Treatment Facility

Maximum quantity	The maximum quantity of waste to be accepted on site shall not exceed 173,650 tonnes per year with no more than 3,650 tones being hazardous.
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • sludges • odorous or odour producing • clinical waste
Waste code	Description
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 04	waste plastics (except packaging)
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
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 02	plastic packaging
15 01 10*	packaging containing residues of or contaminated by hazardous substances (consisting of plastic packaging only)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 02	wood, glass and plastic
17 02 03	plastic
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances (consisting of plastic only)
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 04	plastic and rubber (consisting of baled plastic only)

Table S2.2 Permitted waste types and quantities for the wood recycling facility	
Maximum quantity	The maximum quantity of waste to be accepted on site shall not exceed 173,650 tonnes per year with no more than 3,650 tonnes being hazardous.
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • consisting solely or mainly of dusts, powders or loose fibres • sludges • odorous or odour producing • clinical 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 03	wastes from pulp, paper, cardboard production and processing
03 03 01	waste bark and wood
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 03	wooden packaging
19	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS, AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 07	wood other than that mentioned in 19 12 06 (limited to untreated shredded wood arising from 03 01 01, 03 03 01, and 15 01 03 only)

Table S2.3 Permitted waste types and quantities for the tyre recycling facility

Maximum quantity	The maximum quantity of waste to be accepted on site shall not exceed 173,650 tonnes per year with no more than 3,650 tonnes being hazardous.
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none">• consisting solely or mainly of dusts, powders or loose fibres• sludges• odorous or odour producing• clinical waste
Waste code	Description
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life checiles from different means of transport (inlcuding 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

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

Schedule 5 - Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

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

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

Part B - to be submitted as soon as practicable

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

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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.

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

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

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

“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

“hazardous waste” has the meaning given in the Hazardous Waste (Wales) Regulations 2005 (as amended)

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

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

“nearest sensitive receptor” means the nearest place to the permitted activities where people are likely to be for prolonged periods. This term would therefore apply to dwellings (including any associated gardens) and to many types of workplace. We would not normally regard a place where people are likely to be present for less than 6 hours at one time as being a sensitive receptor. The term does not apply to those controlling the permitted facility, their staff when they are at work or to visitors to the facility as their health is covered by Health and Safety at Work legislation. NB The term would apply to dwellings occupied by the family of those controlling the permitted facility

“Pests” means Birds, Vermin and Insects.

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

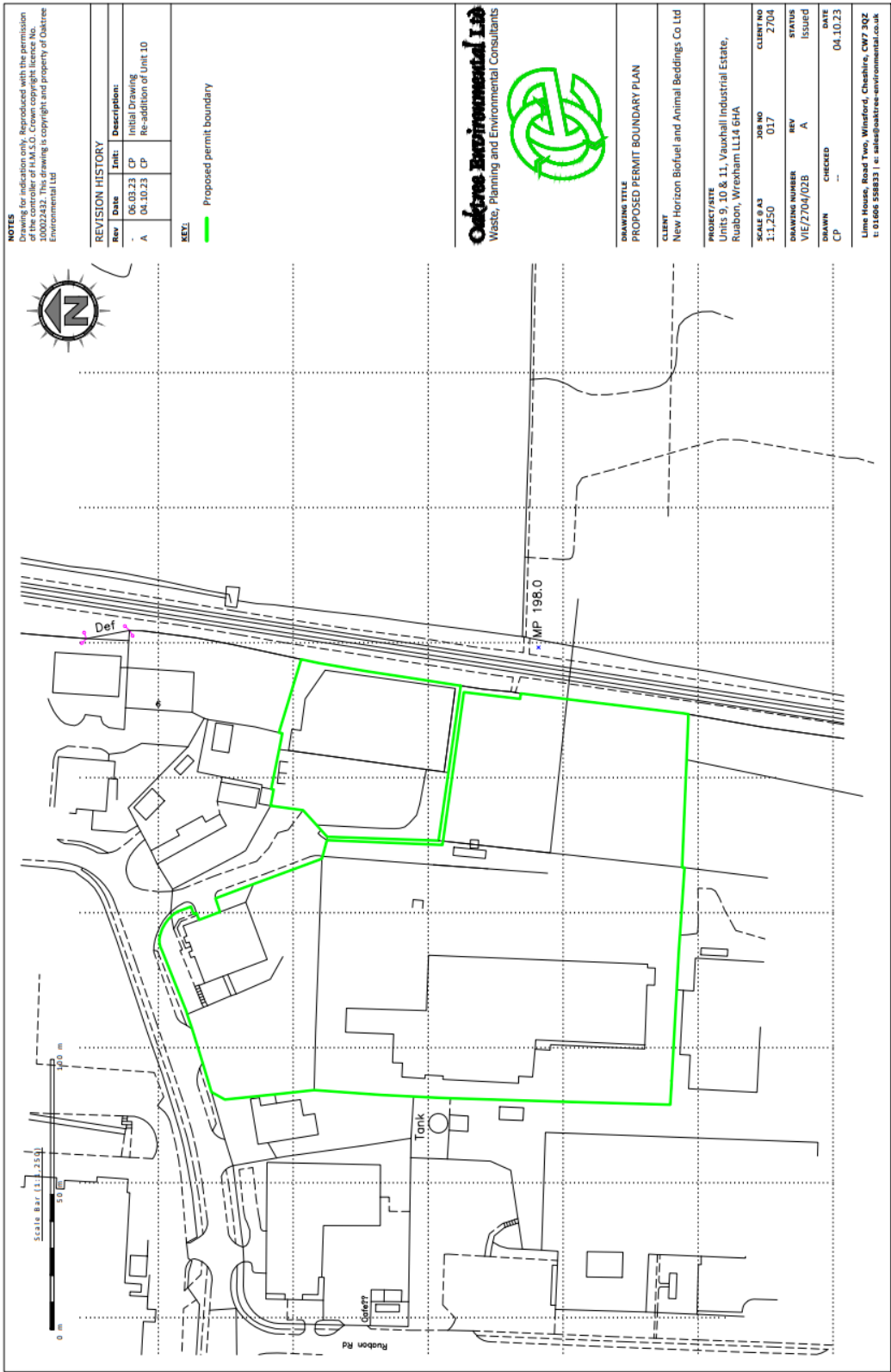
“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“waste code” means the six digit code referable to a type of waste in accordance with the list of wastes established by Commission Decision 2000/532/EC as amended from time to time (the ‘List of Wastes Decision’) and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

Schedule 7 - Site plan



END OF PERMIT