

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

R. Plevin & Sons Limited

R. Plevin & Sons
Hazlehead
Crow Edge
South Yorkshire
S36 4HG

Variation application number

EPR/LB3532AU/V004

Permit number

EPR/LB3532AU

R. Plevin & Sons

Permit number EPR/LB3532AU

Introductory note

This introductory note does not form a part of the notice

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

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

Changes introduced by this variation notice:

This permit variation has been issued to implement the following guidance “Non-hazardous and inert waste: appropriate measures for permitted facilities” and to implement the relevant requirements Best Available Techniques (BAT) Conclusions set out in implementing decision (EU) 2018/1147 of 10 August 2018.

The Industrial Emissions Directive (IED) came into force on 7 January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision.

Article 21(3) of the IED requires the Environment Agency to review conditions in permits that it has issued and to ensure that the permit delivers compliance with relevant standards, within four years of the publication of updated decisions on Best Available Techniques (BAT) Conclusions. The BAT Conclusions for Waste Treatment (the BREF) was published on 17 August 2018 following a European Union wide review of BAT, implementing decision (EU) 2018/1147 of 10 August 2018.

The non-hazardous and inert waste: appropriate measures for permitted facilities guidance was published on the gov.uk website on 12 July 2021. This guidance sets out the standards that are relevant to regulated facilities with a permit to store, treat or transfer (or both) non-hazardous and inert wastes.

This variation has consolidated the original permit and subsequent variations.

Brief summary of the process:

The Hazlehead site is a material recycling facility for the processing of non-hazardous wood waste on site, to produce wood chip material for onward supply for a variety of applications such as panel board manufacture and for use as a biomass feedstock.

The operator undertakes the treatment of non-hazardous waste wood, for incineration or co-incineration under Schedule 1, Section 5.4 Part A (1) (b) (ii), recovery or a mix of recovery and disposal with a capacity exceeding 50 tonnes per day; pre-treatment of waste for incineration or co-incineration. Hazardous waste is not accepted on site. The annual throughput for site is 150,000 tonnes. The permit also includes Directly Associated Activities (including the storage of waste pre and post shredding, storage of raw materials and surface water collection, storage, and discharge) but no other listed activities or additional waste operations.

Incoming waste wood is subject to acceptance checks prior to treatment. The waste wood is unloaded, sorted and segregated by grade in preparation for processing. Treatment consists of waste wood being pre-crushed prior to treatment through the Vecoplan processing plant. The Vecoplan processing plant processes waste wood via use of magnets, screening, picking station, shredding, eddy current separator and final screening. The plant has a dust extraction system which captures dust within filter bags.

Waste storage and treatment is carried out on both impermeable surface and hardstanding and the Vecoplan processing takes place within a building. The maximum quantity of unprocessed and processed

waste wood held on site at any one time shall be not more than 80,000 tonnes. The site has an approved Fire Prevention Plan (FPP) that is incorporated into the permit.

With the exception of fugitive dust emissions, the activity does not give rise to any airborne emissions. There are no channelled emission to air from the process or the dust extraction system. All waste wood piles and processing areas are subject to dust control and mitigations measures. These include misting sprays, slow speed shredding equipment, stockpile management and housekeeping.

There is a point source emission to surface water - Sledbrook Dyke. Surface waters from the site yard area are collected in two lagoons that are located at the grid reference, SE 1863 0463.

There are sensitive receptors that are close to the Installation. The closest residential receptors are situated approximately 50m to the North/North East of the site. There are also industrial receptors that are located approximately 50m from the site.

The South Pennine Moors SAC is situated to the South and South West of the site - approximately 3km away at the closest point. The Peak District Moors SPA is located to the South West of the site approximately 3km away at the closest point. There are four Local wildlife sites within 2km of the site permit boundary with the Western Moors being the closest at approximately 1km away.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/LB3532AU/A001	03/12/12	Application received. Application for a permit for treatment of waste wood for recovery
Additional information received	10/01/13	Clarification of settlement lagoon and discharge consent. Amendment of site plan. Update on planning permission. Submission of non-technical summary. Amended Part B4
Additional information received	08/02/13	Amended Part F1 and payment of additional fee
Application EPR/LB3532AU/A001	12/02/13	Duly made
Permit determined	29/04/13	Permit issued to R. Plevin & Sons Limited.
Emails received	08/07/13 & 28/08/13	Confirming need for removal of limit on daily processing capacity
Variation determined EPR/LB3532AU/V002 (variation and consolidation)	09/01/14	Environment Agency Variation removing limit on daily processing capacity and converting to installation permit
Application EPR/LB3532AU/V003	11/05/15	Duly Made
Application EPR/LB3532AU/V003	13/08/15	Application Withdrawn
Environment Agency Non-hazardous Waste Sector Review Variation number EPR/LB3532AU/V004 (variation and consolidation)	24/03/22	Non-hazardous Waste Sector Review – documents received in response to the Regulation 61 Notice dated 08/11/21.
Email received in response to the Request for Further Information (RFI) dated 31/10/23	22/11/23	Information received in response to the Request for Further Information documents include: <ul style="list-style-type: none"> Revised Non-technical summary

Status log of the permit		
Description	Date	Comments
		<ul style="list-style-type: none"> • RFI response • Management review • Waste water inventory • Dust monitoring results.
Variation determined and consolidation issued EPR/LB3532AU	16/02/24	Consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

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

Permit number

EPR/LB3532AU

Issued to

R. Plevin & Sons Limited (“the operator”)

whose registered office is

**Whams Road
Hazlehead
South Yorkshire
S36 4HG**

company registration number 01168723

to operate a regulated facility at

**R. Plevin & Sons
Hazlehead
Crow Edge
South Yorkshire
S36 4HG**

to the extent set out in the schedules.

The notice shall take effect from 16/02/2024

Name	Date
Vicky Patchett	16/02/2024

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions and tables were varied, deleted or added as a result of an Environment Agency initiated variation:

Conditions	Amendment
Condition 2.1.2	Condition added in-line with modern template.
Condition 2.3.1	Updated and renumbered in-line with modern template.
Condition 2.3.3	Condition added to detail raw materials in table S2.1.
Condition 2.3.6	Condition added in-line with modern template.
Condition 3.2.1	Wording updated in-line with modern template.
Condition 3.4.2	Condition updated in-line with modern template.
Condition 3.5.1	Amended with addition of new reference for Table S3.2, ambient air monitoring requirements.
Condition 3.5.3	Condition added in-line with modern template. Subsequent condition has been renumbered.
Condition 3.6	Pest conditions deleted as not relevant for the permitted operations. The follow-on condition has been renumbered.
Condition 3.7.1	Fire Prevention condition added in-line with modern template and standard.
Conditions 4.2.2 – 4.2.5	Conditions re-numbered and updated to modern format.
Condition 4.3.1	Updated wording to match modern template.
Condition 4.3.3	New condition added in-line with modern template.
Conditions 4.3.4 – 4.3.6	Re-numbered following the addition of 4.3.3.
Condition 4.4.2	Wording updated in-line with modern template.
Table S1.1 as referenced in condition 2.1.1	Activities table updated in-line with modern standards and current site activities.
Table S1.2 as referenced in condition 2.3.1	Operating techniques updated with documents received in response to the regulation 61 review.
Table S1.3 as referenced in condition 2.4.1	Addition of Improvement conditions IP1 - IP8.
Table S2.1 as referenced in condition 2.3.3	Raw materials table added in-line with modern template.
Table S3.1 as referenced in condition 3.5.1	Emissions to surface water updated in-line with BAT.

Table S3.2 as referenced in condition 3.5.1	Surface water monitoring table deleted. Monitoring covered in table S3.1. Addition of new table 3.2 for ambient air monitoring requirements.
Table S4.1 as referenced in condition 4.2.3	Amended to include reporting for ambient air monitoring.
Table S4.2 as referenced in condition 4.2.2	Annual production parameters updated to include wood processed.
Table S4.3 as referenced in condition 4.2.2	Performance parameters updated in-line with modern template.
Table S4.4 as referenced in condition 4.2.3	Additional reporting forms added and updated.
Schedule 5 as referenced in conditions 4.3.2 and 4.3.4	A new paragraph (c) to Part A requiring notification of breach of permit conditions not relating to limits has been added.
Schedule 6	Interpretations have been updated.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/LB3532AU

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LB3532AU/V004 authorising,

R. Plevin & Sons Limited (“the operator”),

whose registered office is

**Whams Road
Hazlehead
South Yorkshire
S36 4HG**

company registration number 01168723

to operate an installation at

**R. Plevin & Sons
Hazlehead
Crow Edge
South Yorkshire
S36 4HG**

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

Name	Date
Vicky Patchett	16/02/2024

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme

1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR6 etc.) The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).
- 2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

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

2.3 Operating techniques

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

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

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

3.2 Emissions of substances not controlled by emission limits

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

3.3 Odour

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

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any

approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in table S3.1;
- (b) ambient air monitoring specified in table S3.2.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 unless otherwise agreed in writing by the Environment Agency.

3.6 Fire prevention

3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

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

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

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

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

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must

immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	Section 5.4 A1(b)(ii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving pre-treatment of waste for incineration and co-incineration	R3: Recycling/ reclamation of organic substances which are not used as solvents	Pre-treatment of waste destined for incineration or co-incineration. Physical treatment including sorting/separation, screening, cutting, pulverising, chipping and shredding of non-hazardous waste for recovery. Treatment, excluding pre-shredding of waste wood shall be within an enclosed building. Treatment shall be on an impermeable surface with sealed drainage. There shall be no channelled emission to air. Waste types as specified in Table S2.2.
Directly Associated Activity			
AR2	N/A	Temporary storage of non-hazardous waste prior to treatment 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)	Storage of non-hazardous wood waste prior to treatment. The total quantity of waste stored at the site at any one time shall not exceed 80,000 tonnes. Waste types as specified in table S2.2.
AR3	N/A	Storage of waste after treatment	Storage of processed wood waste prior to despatch off site for disposal. The total quantity of waste stored at the site at any one time shall not exceed 80,000 tonnes.
AR4	N/A	Storage of raw materials, including lubrication oil and diesel	From the receipt of raw materials to despatch for use within the facility.
AR5	N/A	Surface water management and discharge via lagoon and drainage outlet W1	Collected surface water to pass through lagoon and discharged via outlet W1 to Sledbrook Dyke. Flows up to 5 l/s

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR6	N/A	Surface water management and discharge via lagoon and drainage outlet W2	Collected surface water to pass through lagoon and discharged via outlet W2 to Sledbrook Dyke. Discharge only allowed when the capacity of 1200m ³ storage lagoon has been fully utilised and flows are in excess of 5 l/s

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Management system reference Appendix 3 (working plan) in response to question 3d, Part B2 of the application form Response to question 7, part B2 of the application form detailing Environmental risk Assessments referenced as Appendix 8 (CE001 to CE006) Amendment of Table 1a, of Part B4 of the application form	03/12/12
Additional information	Non-technical summary and clarification of details of the settlement lagoon and water discharges. Clarification of location of initial operations on site. Plan indicating proposed initial wood recycling area, hatched blue. (email from Barnsley MBC)	10/01/13 25/02/13
Additional information	"Energy Efficiency Considerations in regard to the Hazlehead Site" document	28/08/13
Additional information	Fire Prevention Plan (FPPV6)	20/07/20
Regulation 61 Notice Response EPR/LB3532AU/V004	Documents received in response to the Regulation 61 Notice and annex 1 spreadsheet titled " <i>NHI Installations Reg 61 notice - Annex 1 tranche 2</i> "	24/03/22
Response to Request for Further information	Documents titled: <ul style="list-style-type: none"> • Non Technical Description – Plevin Hazlehead (V2) • RFI Response 	22/11/23

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IP1	The operator shall update their Environment Management System with a written decommissioning plan. The decommissioning plan shall take into account the appropriate measures specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance.	16/05/24
IP2	The operator shall submit an Energy Efficiency Plan following the installation and implementation of the system to monitor energy consumption. The Energy Efficiency Plan shall take into account the	16/02/25

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	appropriate measures specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance.	
IP3	<p>The operator shall submit to the Environment Agency for approval a plan which includes proposals for the implementation of techniques for capturing and re-using of uncontaminated waters at the site. The plan shall also include but not be limited to:</p> <ul style="list-style-type: none"> • Timescales for any improvement works associated with the techniques for the water capture and reuse. • A water savings plan in line with the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance. <p>The operator shall implement any improvement within the timescale agreed with the Environment Agency.</p>	16/08/24
IP4a	<p>The operator shall undertake 6 months sampling and monitoring programme for the waste water that is discharged to Sledbrook Dyke via emission points W1 and W2 identified in the site plan within Schedule 7 and shall submit the results to the Environment Agency for written approval.</p> <p>The monitoring programme shall fully characterise the waste waters and shall include, but not be limited to, the parameters listed in Table S3.1.</p> <p>The sampling and monitoring programme shall be carried out at a frequency of a minimum of two samples a month, a total of 12 samples overall, in line with the Environment Agency guidance https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit and at standards outlined in Table S3.1.</p>	16/08/24
IP4b	<p>Following the completion of IP4a, the operator shall submit a completed H1 risk assessment and/or modelling report (where appropriate) to the Environment Agency for written approval.</p> <p>The operator shall include in the report, an assessment on whether the waste waters discharged to Sledbrook Dyke from the site are likely to have significant or adverse impact on the receiving waters.</p> <p>The H1 assessment and/or modelling shall take into consideration relevant environmental standards specified within the following guidance for the substances analysed:</p> <ul style="list-style-type: none"> • Specific substances and priority hazardous substances – Surface water pollution risk for your environmental permit <u>Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk)</u>. <p>Where the results of the H1 assessment and/or modelling indicate that significant/adverse impact is likely, the operator shall cease further discharge of waste water to sewer. The operator shall then submit a proposal of additional measures to be implemented to prevent or minimise any significant/adverse impact on the receiving waters, along with timescales for implementation to the Environment Agency for written approval.</p>	3 months following the completion of with IP4a.
IP5	<p>The operator shall carry out a review of fugitive emissions generated from the outfeed bay and from storage areas for processed waste wood. This review must ensure that these processing and storage areas are in accordance with the requirements specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance and BAT 14 of the <u>Waste Treatment BAT Conclusions</u>.</p>	16/08/24

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	Following the review, the operator shall submit a written report to the Environment Agency for approval outlining the outcomes of the review. The report shall include recommendations for improvements and timescales for implementation of the identified improvements to reduce the level of fugitive emissions created from this storage area.	
IP6	The operator shall submit to the Environment Agency for approval, a proposal to cover, with impermeable surfacing, sealed drainage and containment systems, areas where activities AR1, AR2 and AR3 are undertaken, together with timescales for implementation of the identified improvements. The design and layout of the drainage and containment infrastructure shall be in accordance with <u>Non-hazardous and inert waste: appropriate measures for permitted facilities</u> guidance and CIRIA Report C736 and shall be certified by a suitably qualified engineer.	16/08/24
IP7	Following the completion of IP6, the operator shall implement any improvements by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to, the installation of impermeable surface, new drainage and containment infrastructure.	18 months following the completion of IP6
IP8	The operator shall submit a revised Fire Prevention Plan to the Environment Agency for approval. The plan shall identify all potential sources of fire risk within the permitted area and include measures to prevent and minimise the risk of pollution from fires in accordance with the Fire Prevention Plan guidance and template. Once approved, the operator shall implement the Fire Prevention Plan in accordance with the Environment Agency's written approval.	16/08/24

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Oil, diesel, lubrication and hydraulic oils	-

Maximum quantity	The total quantity of waste to be accepted on site shall be less than 150,000 tonnes per annum.
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 03	straw, wood and bark only
02 01 07	wood and bark
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
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
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 02	wood, glass and plastic
17 02 01	wood
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 07	wood other than that mentioned in 19 12 06

Table S2.2 Permitted waste types and quantities for activities AR1 and AR2 – Wood treatment and storage

Maximum quantity	The total quantity of waste to be accepted on site shall be less than 150,000 tonnes per annum.
Waste code	Description
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 38	wood other than that mentioned in 20 01 37
20 02	garden and park wastes (including cemetery waste)
20 02 01	wood and bark only

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit) ⁽¹⁾	Reference Period	Monitoring frequency ⁽³⁾	Monitoring standard or method
W1 and W2 on site plan in schedule 7 (emission to Sledbrook Dyke)	Surface water effluent from waste storage areas	pH	6-9	Instantaneous (spot sample)	Monthly	Minimum and Maximum
		Total suspended solids (TSS)	60 mg/l			EN 872
		Total Organic Carbon (TOC)	60 mg/l			EN 1484
		Hydrocarbon Oil Index (HOI) ⁽²⁾	10 mg/l			EN ISO 9377-2
		Arsenic (expressed as As) ⁽²⁾	0.05 mg/l			Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)
		Cadmium (expressed as Cd) ⁽²⁾	0.05 mg/l			
		Chromium (expressed as Cr) ⁽²⁾	0.15 mg/l			
		Copper (expressed as Cu) ⁽²⁾	0.5 mg/l			
		Lead (expressed as Pb) ⁽²⁾	0.1 mg/l			
		Nickel (expressed as Ni) ⁽²⁾	0.5 mg/l			
		Zinc (expressed as Zn) ⁽²⁾	1 mg/l			
		Mercury (expressed as Hg) ⁽²⁾	5 µg/l			
						Various EN standards available (i.e. EN ISO 17852, EN ISO 12846)

(1) The averaging periods are defined in the General considerations.

(2) The monitoring and BAT-AELs only applies when the substance concerned is identified as relevant in the wastewater inventory mentioned in BAT 3.

(3) Monitoring frequencies may be reduced if the emission levels are proven to be sufficiently stable.

Table S3.2 Ambient air monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Processing and storage areas. Points marked S1, S2, S4 and S5 in Appendix 3 of the RFI response dated 22/11/23.	Particulate matter (Dust)	Monthly	M17 Guidance	Frisbee Gauge

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to water (other than sewer) Parameters as required by condition 3.5.1	W1, W2	Every 6 months	1 January, 1 July
Ambient air monitoring Parameters as required by condition 3.5.	S1, S2, S4 and S5	Every 6 months	1 January, 1 July

Table S4.2: Annual production/treatment	
Parameter	Units
Wood Processed	tonnes

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

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to water (other than sewer)	Emissions to Water Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Ambient Air Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

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

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

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

Part B – to be submitted as soon as practicable

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

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

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

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

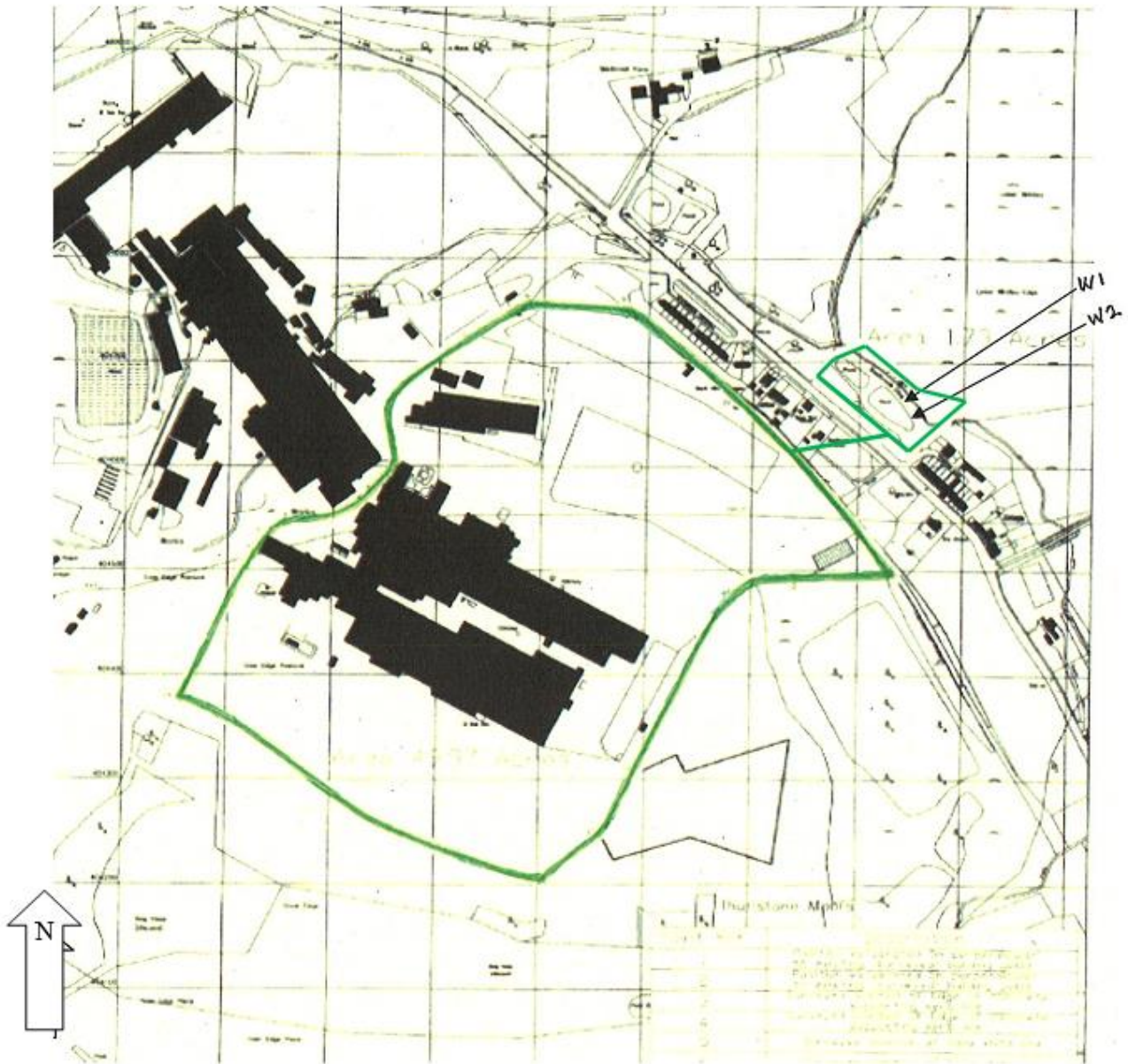
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

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

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

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



END OF PERMIT