



**POLLUTION PREVENTION AND CONTROL ACT 1999  
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016  
as amended**

**Permit Number: 6.6/084359/JT2**

**Installation Address:  
National Timber Group England Limited  
Oxclose Park Road North  
Sheffield  
S20 8GN**

**In accordance with the Environmental Permitting (England and Wales) Regulations 2016, as amended, National Timber Group England Limited is hereby permitted to operate a scheduled activity at the address detailed above, namely the preservation of wood and wood products with chemicals with a production capacity exceeding 75m<sup>3</sup> per day other than exclusively treating against sapstain, as described in Schedule 1, Part 2, Chapter 6, Part A(2), Section 6.6 (a) "Timber activities" and subject to the following conditions of this Permit.**

**Signed**

**Dated this day: 7<sup>th</sup> November 2024**

**Commercial Team Manager  
Authorised by Sheffield City Council to sign on their behalf**



**Name & Address of Operator:**

National Timber Group England Limited  
Oxclose Park Road North  
Holbrook  
Sheffield  
S20 8GN

**Site Contact:**

Andrew Bowler, Operations Director  
Tel: 07740 926085 [andrewbowler@laver.co.uk](mailto:andrewbowler@laver.co.uk)

**Registered Office:**

National Timber Group England Limited  
Bramall Lane  
Sheffield  
S2 4RJ

**Company Registration Number:** 10608445

**Address of Permitted Installation:**

National Timber Group England Limited  
Oxclose Park Road North  
Holbrook  
Sheffield  
S20 8GN

**Talking to Us**

Any communication with Sheffield City Council should be made to the following address quoting the Permit number.

Environmental Protection Service  
Sheffield City Council  
Howden House  
1 Union Street  
Sheffield  
S1 2SH  
Telephone: (0114) 273 4651  
Email: [ipcc@sheffield.gov.uk](mailto:ipcc@sheffield.gov.uk) or [epsadmin@sheffield.gov.uk](mailto:epsadmin@sheffield.gov.uk)

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## **Explanatory Note to Pollution Prevention and Control Permit for Part A2 Installations**

The following Permit is issued under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016, as amended (Statutory Instrument 1154), (“the EP Regulations”) to operate an installation carrying out activities covered by the description in Schedule 1, Part 2, Chapter 6, Part A(2), Section 6.6 (a) “Timber activities”, to the extent authorised by the Permit.

This Permit is issued to update some of the conditions following a statutory review of the permits in the industry sector for surface treatment using organic solvents including preservation of wood and wood products with chemicals.

The Industrial Emissions Directive (IED) came into force on 7<sup>th</sup> January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) Conclusions as described in the Commission Implementing Decision. The Commissions Implementing Decision (EU) 2020/2009 of 22<sup>nd</sup> June 2020, establishing the Best Available Techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions, for surface treatment using organic solvents including preservation of wood and wood products with chemicals. Which was published in the Official Journal of the European Union on 9<sup>th</sup> December 2020.

The BAT conclusions for this installation are BAT 1 & 30, BAT 31, 32 and 33, BAT 34 Techniques E and F, BAT 35 Techniques A, B, DEF, BAT 38 Techniques A, B, C, D and F, BAT 39, BAT 40, BAT 41 Techniques A and D, BAT 42, BAT 44, BAT 46, BAT 47 and BAT 53.

### **Process Changes**

As part of your permit, you are required to notify the Council of any proposed change in operation at least 14 days before making the change. This must be in writing and must contain a full description of the proposed change in operation and the likely consequences. Failure to do so is an offence.

If you consider that a proposed change could result in the breach of the existing permit conditions or is likely to require the variation of permit conditions then you may apply in writing under Regulation 20(1) of the EP Regulations. Additionally, if this involves a SUBSTANTIAL CHANGE to the installation you will be required to submit an application, pay the relevant fee and advertise the application accordingly. You may serve a Notice on the Council requesting that they determine whether any change that is proposed would constitute a substantial change before you proceed with application.

### **Variations to the Permit**

The Permit may be varied in the future (by the Council serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, a formal Application must be submitted.

### **Surrender of the Permit**

Where the operator of a Part B installation or mobile plant ceases or intends to cease the operation of the activity the operator may notify the regulator of the

surrender of the whole permit, in any other case, notify the regulator of the surrender of the permit in so far as it authorises the operation of the installation or mobile plant which he/she has ceased or intends to cease operating. The notification shall contain information as described in Regulation 24 or 25 of the EP Regulations.

### **Transfer of the Permit or Part of the Permit**

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless Sheffield City Council considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit.

### **Annual Subsistence Fee**

In accordance with Regulation 66 of the EP Regulations, the holder of a permit is required to pay a fee for the subsistence of the Permit. This fee is payable annually on 1st April. You are advised that under the provisions of Regulation 66 (5) of the EP Regulations, if you fail to pay the fee due promptly, Sheffield City Council may revoke the Permit. You will be contacted separately each year in respect to this payment.

### **Public Register**

The Council is required by Regulation 46 of the EP Regulations to maintain a Public Register containing information on all LAPPC installations and mobile plant. The register is available for inspection by the public free of charge during office hours (Monday to Friday 9.00 am to 5.00 pm) at the following address:

Environmental Protection Service  
Sheffield City Council  
Howden House  
1 Union Street  
Sheffield  
S1 2SH  
Telephone: (0114) 273 4651  
Email: [ippc@sheffield.gov.uk](mailto:ippc@sheffield.gov.uk)

### **Confidentiality**

Sheffield City Council has a duty to consider the question of confidentiality of information supplied to it. If any information supplied is considered confidential, a statement of which information this applies to and the reasons why it is considered confidential should be specified. The Operator is reminded that he may apply to Sheffield City Council for the exclusion of information from the public register under the provisions of the Environmental Permitting (England and Wales) Regulations 2016, as amended.

### **Appeals**

Under Regulation 31 of the EP Regulations operators have the right of appeal against the conditions attached to their permit. Schedule 6 of the EP Regulations sets out the detailed procedures.

Appeals against a Variation Notice do not have the effect of suspending the operation of the Notice. Appeals do not have the effect of suspending Permit conditions.

Notice of appeal against the conditions attached to the permit must be given within six months of the date of the Notice, which is the subject matter of the appeal.

### **How to Appeal**

There are forms available to lodge an appeal here:  
Environmental permit: appeal form - GOV.UK ([www.gov.uk](http://www.gov.uk))

There is no fee to appeal.

### **Where to Send Your Appeal Documents**

Appeals should be addressed to:

The Planning Inspectorate  
Environment Appeals Team  
3A Eagle Wing  
Temple Quay House  
2 The Square  
Temple Quay  
Bristol BS1 6PN  
Phone: 0303 444 5584  
Email: [etc@planninginspectorate.gov.uk](mailto:etc@planninginspectorate.gov.uk)

### **You must also send a copy of your appeal to the relevant regulator.**

In the course of an Appeal process, the main parties will be informed of the procedural steps by the Planning Inspectorate.

To withdraw an Appeal the Appellant must notify the Planning Inspectorate, in writing, and copy the notification to the local authority.

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To withdraw an Appeal the Appellant must notify the Planning Inspectorate, in writing, and copy the notification to the local authority.

## **Description of Activities**

The timber treatment facility at National Timber Group England Limited, Oxclose Park Road North, Sheffield is sited within a partially enclosed building, (Yorkshire boarding construction) with an enclosed drainage system. Treated timber is not removed from this area until designated dry.

## **Treatment Vessels**

There are two types of timber treatment processes undertaken at the site, see below. For each system different chemicals are used and these are currently supplied by Impralit.

### ***High Pressure Plant***

The high pressure plant is a Scholz vessel ID no. 43117 made in 2002. The high pressure plant uses a chemical called Impralit ACQ 1900 (BPR) at the time of issuing the permit. The plant comprises a pressure vessel and four tanks, two tanks holding 33,000 litres each and two tanks holding 5,000 litres.

### ***Vac-Vac Plant (low pressure)***

The low pressure plant is a Leeds Bradford Boiler Company ( LBBC) vessel ID no. 76/57 manufactured in 1976. It uses a chemical called Impralit TSK 40 at the time of issuing the permit. The Vac-Vac plant comprises the pressure vessel and three tanks, one holding 27,000 litres, one holding 20,000 litres and a third holding 1,600 litres.

## **Treatment Chemicals**

Both the high and low pressure plants are situated in a bunded area. The bund is in the form of a concrete kerb 150mm x 150mm. The kerb has cross over ramps for the fork lift that works in the area. Both chemicals are delivered in sealed IBCs in concentrate form via HGV and are stored in a bunded area. Empty IBCs are flushed out into the main storage tank and the empty IBCs collected by Scutz. During both processes the chemicals are pumped into mixing tanks where water is added. Typically, the water will be 95% to 97% of the volume of the mixed liquid. Any spillages will be within the bunded area. The mixing tanks are within bunds sized at greater than 110% of the mixing tanks.

The treatment chemical mixing system consists of 3 electronic scales set over their own bunded tank. Concentrate chemical pots are set onto these scales and a computer system measures the quantities by weight as required.

There is a bulk mains water tank that tops itself up within set parameters. When more product is required in the treatment tanks, the computer system is prompted by the Plant Operator to undertake the mix. The computer system is set to deliver the required amounts of chemical and water and delivers them to the relevant tank.

### **Timber Treatment Chemical Treatment Process**

Timber products are brought to the area for treatment via a diesel powered fork lift. The un-treated timber is either stored on the ground or on racks within the bunded area. Both ends of the tanks open and timber products are slid into the tanks on bogies using the fork lift. The doors are closed, the mixed chemicals are pumped into the vessels and depending on which process is being used the plants are pressurised/vacuumed. Once the treatment cycle has finished, the doors are opened and the timber is removed to a bunded drying area. Preservative from the high pressure plant can be recovered from its separately bunded drying area, and re-used in the treatment process. Low pressure treated timbers are almost touch dry after treatment, and so do not have a recoverable run off.

### **Timber Treatment Drying**

The treated timber is pushed out by the next charge being pushed into the vessel. The treated timber is removed from the bogies and placed into a central drying area. The drying area is a small bund within the main bund designed so that any run off from the treated timber is captured. The timber is placed on bearers at a small angle to encourage the runoff of excess liquid. The treated timber is kept in the drying area until touch dry for 48 hours. Once dry the timber is taken to the edge of the bunded area by fork lift where it is loaded onto a HGV for delivery to a customer or put into stock for re-sale. Treated timber is not stored outside.

Records of each charge are kept, and timber treatment certificates are issued if requested.

# Conditions of Permit

## 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.

### 1.2 Energy efficiency

1.2.1 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) 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.

## **1.5 UK Pollutant Release Transfer Register (UK-PRTR)**

1.5.1 The Operator must respond to any request for information for the purposes of complying with the obligation to report pollution releases and off-site waste transfers, in accordance with the reporting requirements of the “UK Pollutant Releases Transfer Register” (UK-PRTR). Any failure to respond to the annual UK-PRTR Information Notice will constitute a breach of permit.

## **1.6 Decommissioning and Site Closure**

1.6.1 The operator shall produce and maintain a ‘Site Closure Plan’ for the definitive cessation of the activities. The plan must be available to the Regulator on request. As a minimum the plan must include the initial site condition report/baseline report; updated reports where treatment chemicals etc have changed; details of the activities and any material changes to the operation of the installation; and outline proposals for decommissioning.

1.6.2 Upon definitive cessation of the activities, the operator shall assess the state of soil and groundwater contamination by relevant hazardous substances used, produced, or released by the installation. Where the installation has caused pollution of the soil and/or groundwater by relevant hazardous substances compared to the state established in the baseline report (Reference -ESG for Arnold Laver and Co Ltd, Sheffield, dated July 2017, Report Number W5508/BASELINE Issue 1) and/or any subsequent reports to take account of changes to treatment chemicals, where the first monitoring results post change will be deemed to provide the new baseline for any new chemicals used, the Operator shall take the necessary measures to address that pollution so as to return the site to a satisfactory condition.

1.6.3 The Operator shall submit a ‘Site Condition Report’ detailing the assessment required by Condition 1.6.2 above, with any permit surrender application. As a minimum, the ‘Site Condition Report’ shall include.

- (a) Site details.

- (b) Details of the condition of the land at time of permit issue (initial site condition report/baseline report).
- (c) Details of permitted activities.
- (d) Any changes to the activity.
- (e) Measures taken to protect land and waters.
- (f) Pollution incidents that may have had an impact on soils/groundwaters and their remediation.
- (g) Details of soil and water quality monitoring.
- (h) Decommissioning and removal of pollution risk.
- (i) Reference data and remediation.
- (j) Statement of site condition.

## 2 Operations

### 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in Table S1.1 (the “activities”).

*Table S1.1 (the “activities”).*

		<b>Description of specified activity</b>	<b>Limits of specified activity</b>
<b>Activity listed in Schedule 1 of the EP Regulations</b>	S6.6 A(2)(a)	Preservation of wood and wood products with chemicals with a production capacity exceeding 75m <sup>3</sup> per day other than exclusively treating against sapstain.	From receipt of raw materials to dispatch of finished products, including the treating, handling and storage of all materials and wastes relating to the process.
<b>Directly Associated Activities</b>	Storage and handling of raw materials	Storage of solid and liquid materials in bulk storage tanks or IBCs, mixing with water	Receipt and storage of raw materials to transfer to process areas
	Storage, handling and dispatch of intermediates, finished	Storage of intermediates and finished products. Process waste	Internal storage of finished products, storage of waste in designated areas and

		<b>Description of specified activity</b>	<b>Limits of specified activity</b>
	products, waste and other materials	segregation and storage.	loading for transit off site.

2.1.2 The operator shall ensure that all activities are carried out using the methods, equipment and techniques in the manner described in the application and the Socotec BAT Review dated 15/12/21.

## **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in blue on the Installation Location and Boundary site plan at Schedule 1 to this permit.

## **2.3 Operating techniques**

2.3.1 For the activities referenced in Table S1.1, 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 Table S1.2, that is, the Socotec BAT Review and Baseline Report Update, dated 15/12/21, unless otherwise agreed in writing by the Regulator.

Table S1.2 Operating Techniques

Description	Parts	Date Received
Review of Environmental Management System	Summary of the EMS review by Socotec. BAT1 and BAT 30 – the operator shall implement an environmental management system.	15/12/21
BAT Review by Socotec	Summary of the BAT review (BAT 31, 32, and 33). BAT 31 the operator shall only use water based wood preservative products BAT 32 the operator shall substitute treatment chemicals with less hazardous ones, based on an annual review BAT 33 the operator shall increase resource efficiency	15/12/21
	Summary of the BAT review (BAT 34 to 39). BAT 34 Technique E – the pumping operation shall be observed by the site operative for the duration of the process. The tank shall be fitted with an acoustic alarm and automated shut off system when it is full. BAT 34 Technique F – closed storage containers shall be used for treatment chemicals. BAT 35 Technique A – spacers shall be placed at regular intervals in packs to facilitate the flow of treatment chemicals and aid draining afterwards BAT 35 Technique B – wood packs shall be inclined in the treatment vessel to facilitate the flow of treatment chemicals and aid draining afterwards BAT 35 Technique D - shaped wood pieces shall be positioned to prevent trapping of chemicals; BAT 35 Technique E - wood packs shall be secured inside the treatment vessel to limit the movement of wood pieces and reduce the impregnation efficiency; BAT 35 Technique F – the wood load in the treatment vessel shall be maximised to ensure the best ratio between the wood and the treatment chemicals.	15/12/21
	Summary of the BAT Review (BAT 40 and 46). BAT 40 - the treated timber shall be stored within the treatment plant bund until it is deemed touch dry by a trained operative. BAT 46 Technique a – plant and equipment shall be located within a bund; Technique b - impermeable floors; Technique c - warning systems; Technique e – inspection & maintenance; Technique f – prevent cross contamination – shall all be implemented.	15/12/21

Description	Parts	Date Received
	<p>Summary of the BAT review BAT 41 and 42 .            BAT 41 – Technique a – debris shall be removed prior to treatment; Technique d – reusable containers shall be used for the treatment chemicals.            BAT 42 – waste shall be stored in suitable containers and hazardous waste shall be weather protected and contained.</p>	15/12/21
	<p>Summary of the BAT review - BAT 47.            BAT 47 Technique a – there shall be an outer kerb bund around the plant; roofing to the treatment chemicals storage area, treatment, post-treatment conditioning and interim storage areas, pipes &amp; ductwork for treatment chemicals.            BAT 47 Technique d – water used to wash equipment and containers shall be re-used in the preparation of water-based wood preservative methods.             BAT 53 in order to prevent noise emissions the operator shall introduce noise mitigation techniques where necessary</p>	15/12/21

- 2.3.2 If notified by the Regulator that the activities are giving rise to pollution, the operator shall submit to the Regulator for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in 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 Regulator.
- 2.3.3 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.
- 2.3.4 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 ensure that all treated timber is stored inside the treatment building, or otherwise undercover and on impermeable ground, unless otherwise agreed in writing by the Regulator.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Regulator, the operator shall notify the Regulator 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.
- 3.1.2 Where a substance is specified in Table S3.1 or Table S3.2 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.
- For substances specified in Table S3.1 or Table S3.2, periodic monitoring shall be carried out at least once every 6 months for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

Table S3.1 Groundwater Monitoring Requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Boreholes BH1, BH2, BH3 and BH4	Biocides including Permethrin, Tebuconazole and propiconazole and any other relevant hazardous substance	Every 6 months	EN standards may be available, depending on composition of the biocidal products (e.g. EN ISO 27108)	
	Ammonia			
	Arsenic As, Copper Cu, Chromium Cr		Various EN standards available (e.g. EN ISO 11885, EN ISO 17294-2, EN ISO 15586)	
	Chloride  PAHs Benzo[a]pyrene HOI (if in use)		EN ISO 17993 EN ISO 9377-2	

Table S3.2 Soil Monitoring Requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Location(s) to be based on site report and local risk assessment	As for Table S3.1, and any other relevant hazardous substances	Every 10 years		

## **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 Regulator that the activities are giving rise to pollution, submit to the Regulator 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 Regulator.

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 Monitoring**

3.3.1 The operator shall, unless otherwise agreed in writing by the Regulator, undertake the monitoring specified in the following tables in this permit:

- (a) groundwater specified in Table S3.1;
- (b) soils specified in Table S3.2

3.3.2 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.

3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Regulator.

3.3.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in Tables S3.1, S3.2 unless otherwise agreed in writing by the Regulator.

3.3.5 The Operator shall ensure that adverse results from monitoring and assessments are investigated immediately to identify the cause of the emission and allow the appropriate corrective action to be taken. The corrective action taken shall be recorded in the site recording system.

### **3.4 Odour**

3.4.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by the Regulator, 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.

3.4.2 The operator shall:

- (a) if notified by the Regulator that the activities are giving rise to pollution outside the site due to odour, submit to the Regulator 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 Regulator.

### **3.5 Noise and vibration**

3.5.1 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 Regulator, 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.

3.5.2 The operator shall:

- (a) if notified by the Regulator that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Regulator 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 Regulator.

## **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 Regulator, 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 Regulator.

## 4.2 Reporting

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

4.2.2 Within 28 days of the end of the reporting period the Operator shall, unless otherwise agreed in writing by the Regulator, 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 specified in Table S4.2;
- (b) for the reporting periods specified in Table S4.3 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.

*Table S4.2: Annual production/treatment*

Parameter	Units
Wood treated	m <sup>3</sup>

*Table S4.3 Performance parameters*

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes or m <sup>3</sup>
Energy usage	Annually	MWh
Total quantity of waste water discharged to sewer	Annually	tonnes or m <sup>3</sup>
Total mass of hazardous waste	Annually	Tonnes

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Groundwater	Formal approved groundwater monitoring report	N/A
Land	Formal approved soils monitoring report	N/A
Performance parameters	Form performance 1 or other form as agreed in writing by the Regulator	N/A

4.2.3 A report or reports on the performance of the activities over the previous year shall be submitted to the Regulator by 31 January (or other date agreed in writing by the Regulator) 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 Table S4.2; and
- (c) the performance parameters set out in Table S4.3 using the forms specified in S4.4.

4.2.4 The Operator shall, unless notice under this condition has been served within the preceding four years, submit to the Regulator, 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 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 Regulator,
  - (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 Regulator, 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 The operator shall inform the Regulator when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Regulator at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Regulator 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.

4.3.5 Where the operator proposes to make a change, that is not a substantial 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 Regulator 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 Regulator shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Regulator shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.3.8 All reports and notifications required by this permit shall be sent to the regulator. Unless notified in writing, all reports, notifications and communications in respect of this permit shall be sent to

[epsadmin@sheffield.gov.uk](mailto:epsadmin@sheffield.gov.uk) or [ippc@sheffield.gov.uk](mailto:ippc@sheffield.gov.uk)

or

Sheffield City Council  
Environmental Protection Service  
Howden House, Floor 4  
1 Union Street  
Sheffield  
S1 2SH

#### **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.

### **END OF CONDITIONS**

#### **Please Note**

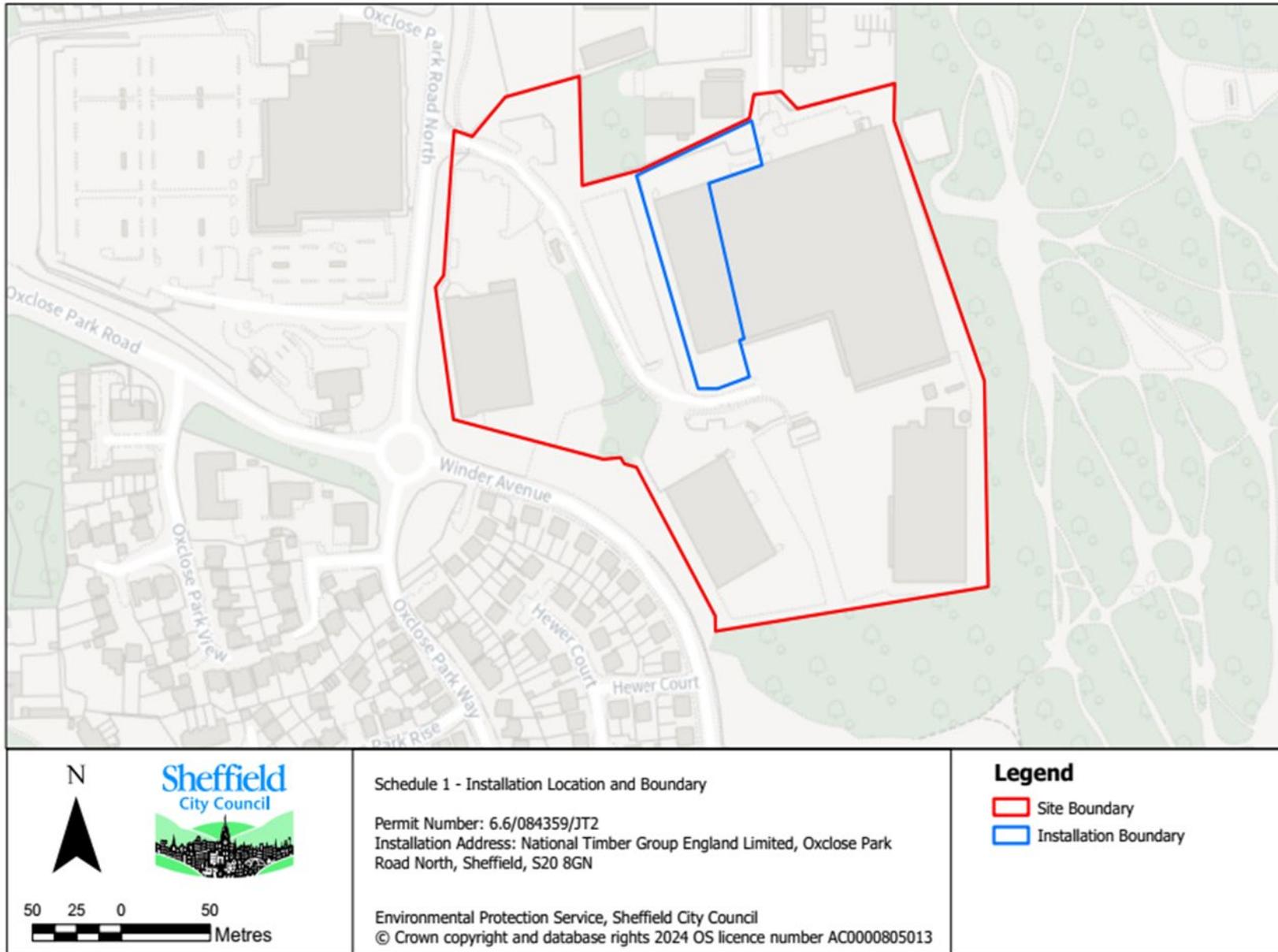
Where complaint is attributable to the operation of the installation and is, in the opinion of the Local Authority, justified, or if new knowledge develops on the potential for harmful effects from emissions, an immediate review of the Permit shall be undertaken. The Local Authority shall subsequently specify any new requirements and compliance time scales.

An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1<sup>st</sup> April of each year.

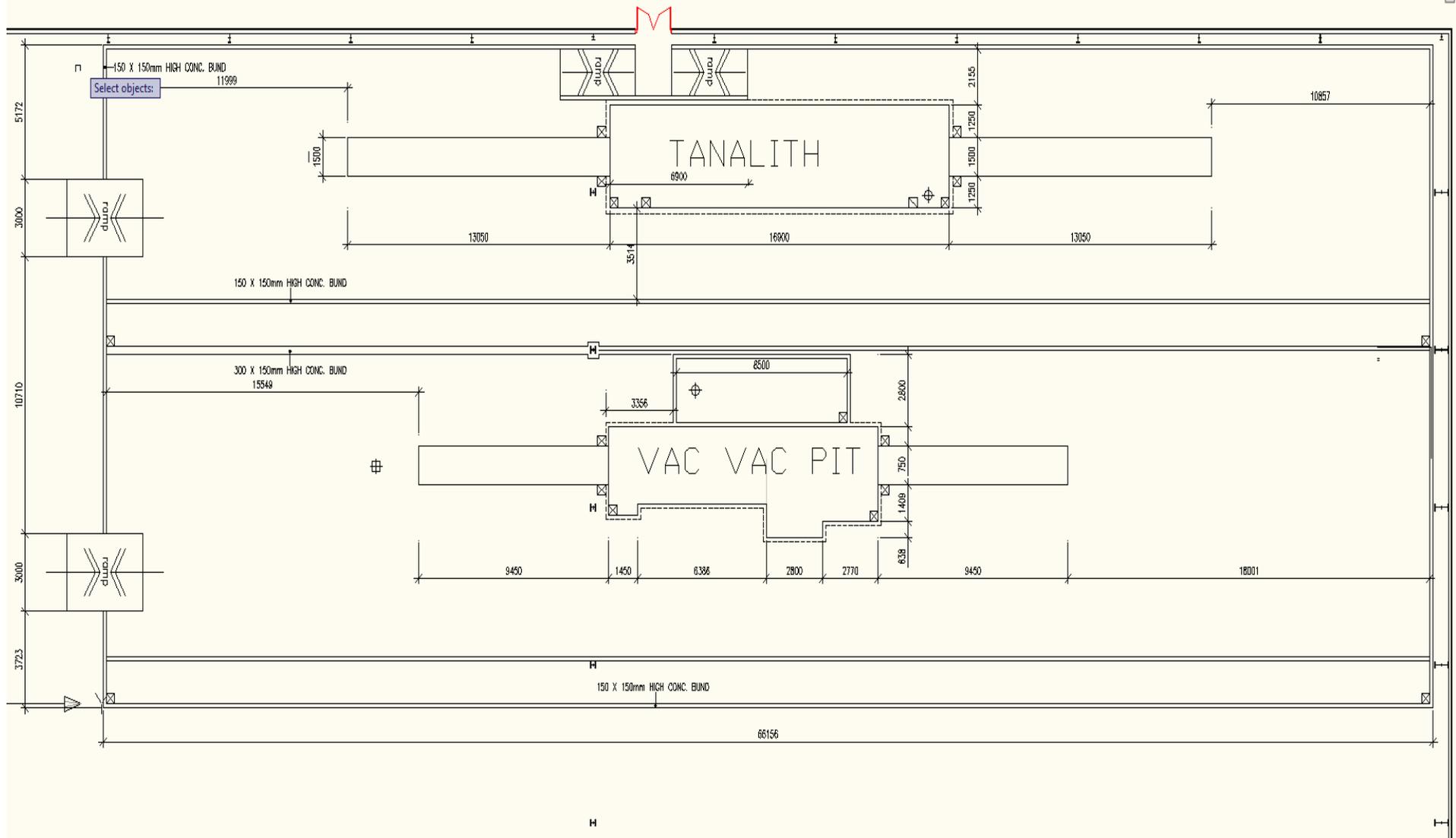
In the event that the Permit has been issued after the 1<sup>st</sup> April in the initial year then the subsistence fee shall be pro rata for the complete months remaining and shall be due within 2 weeks of the Permit issue date.

If the relevant payment is not received by the Regulator, Sheffield City Council's Environmental Protection Service, then Permit revocation procedures may be initiated.

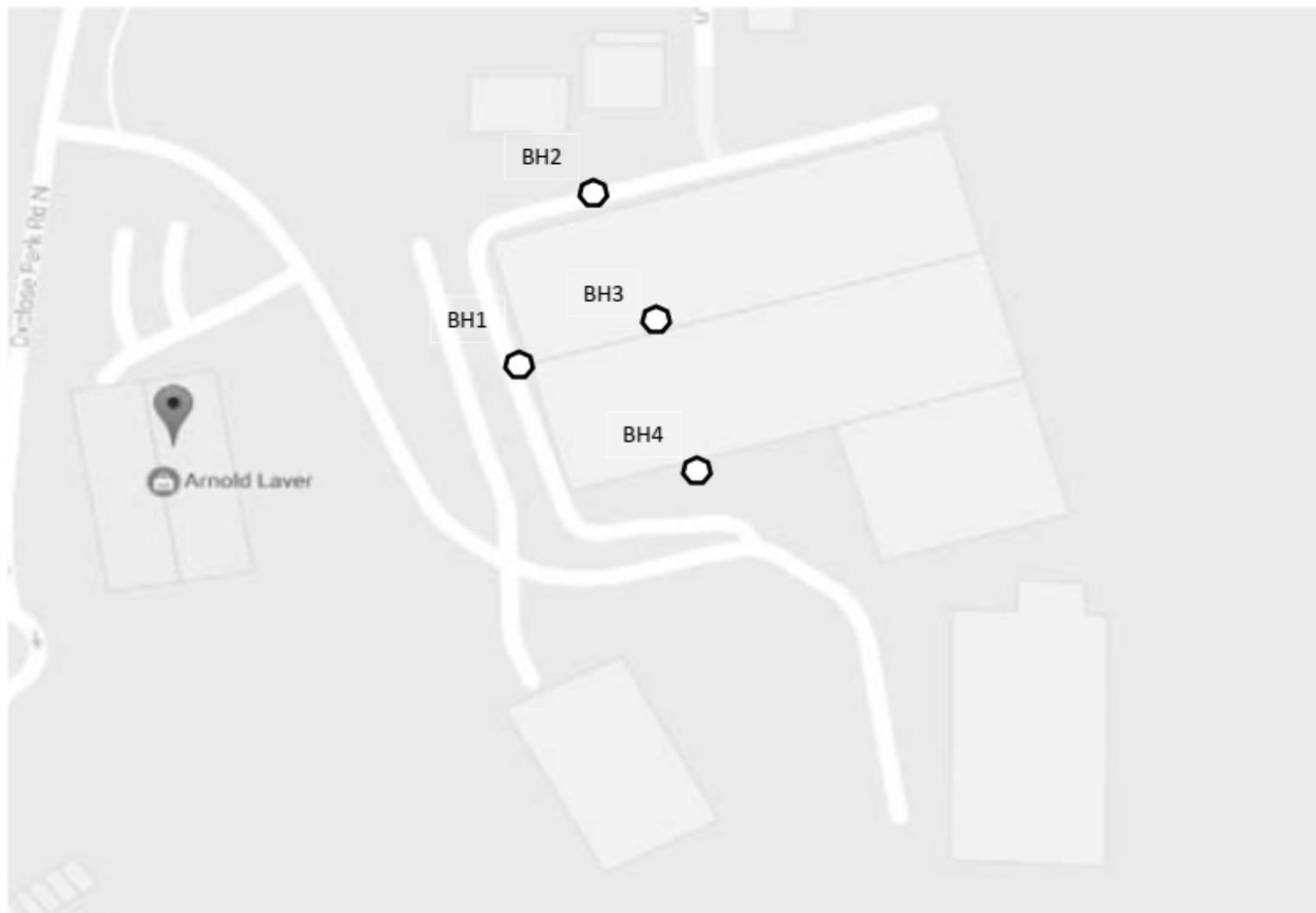
## Schedule 1 Installation Location and Boundary



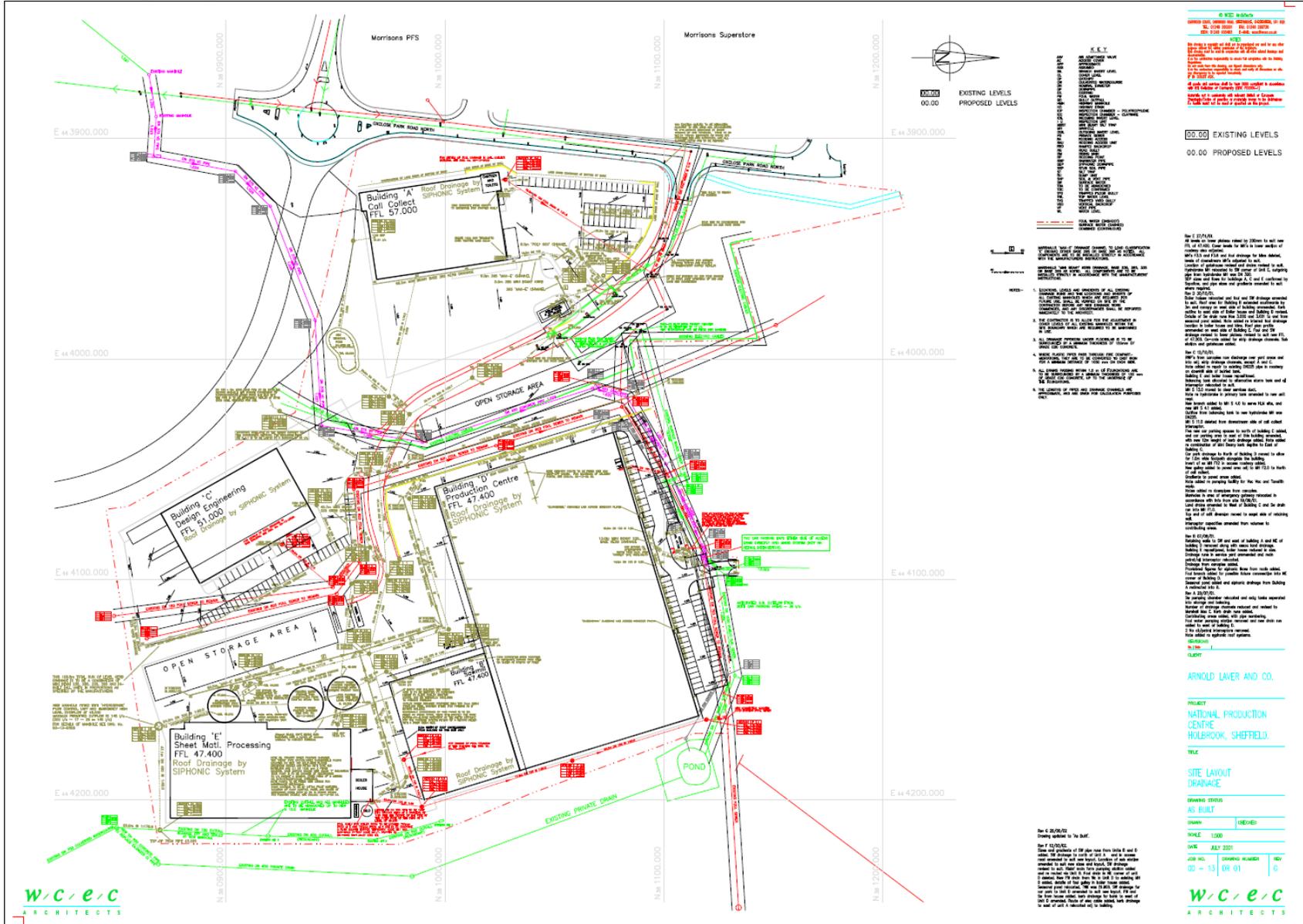
## Schedule 2 Plan of Treatment Vessels



### Schedule 3 Groundwater Sampling Locations



# Schedule 4: Drainage Map



## 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 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 REGULATOR 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.

“Change” means a:

- Change in the nature of the activities is a change in what is being done (for example a change in feedstock or by products and so on).
- A change in the functioning of the activities is a change in how the activities are carried out (for example moving to a batch treatment process from a continuous treatment process).
- An extension is a change in size affecting the capacity of the facility to carry out the activities (for example removing treatment or storage capacity at the facility within the installation threshold).

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

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

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

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

“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

“ISO” means International Standards Organisation.

“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.

“quarterly” for reporting/sampling means after/during each 3 month period, January to March; April to June; July to September and October to December and, when sampling, with at least 2 months between each sampling date.

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

- no liquids shall run off the surface otherwise than via the system

- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged

“SI” means site inspector.

“Organic Compound” means any compound containing at least the element carbon and one or more of hydrogen, halogens, oxygen, sulphur, phosphorus, silicon or nitrogen, with the exception of carbon oxides and inorganic carbonates and bicarbonates.

“Solvent Emissions Directive” means Directive 1999/13/EC (as amended by Directive 2004/42/EC) on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.

“STS BAT Conclusions” BAT Conclusions for surface treatment using organic solvents including preservation of wood and wood products with chemicals published on 9<sup>th</sup> December 2020

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

“year” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit. Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels [other than gas engines or gas turbines], 6% dry for solid fuels.
- in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels.
- in relation to emissions from thermal treatment of waste gases, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa, without correction for oxygen content.
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

## **ENVIRONMENTAL PERMIT EXPLANATORY NOTE (A(2))**

This note does not comprise part of the Environmental permit but contains guidelines relevant to the environmental permit.

### ***BEST AVAILABLE TECHNIQUES (BAT)***

Some conditions within this environmental permit require that the operator use the Best Available Techniques (BAT) to achieve the requirements of the conditions and to prevent or, where this is not practicable, reduce emissions. Although the permit does not give details of what would constitute BAT, it is expected that the operator will refer to any relevant guidance, available at that time, to achieve BAT.

### ***MAINTENANCE***

Effective preventive maintenance needs to be employed on all plant and equipment. Essential spares and consumables need to be available at all times.

### ***TRAINING OF STAFF***

Staff at all levels need to receive proper training and instruction in their duties relating to control of the activity and emissions, and particular emphasis given to training for start-up, shut down and abnormal conditions.

### ***HOUSEKEEPING***

A high standard of housekeeping needs to be maintained.

This Environmental permit is issued under the Pollution Prevention and Control Act 1999. The responsibility under legislation for health, safety and welfare in the workplace remain in force. This environmental permit does not detract from any other statutory requirement such as any need to obtain planning permission, or Building Regulations approval.

Your attention is also drawn to the following additional matters.

### **RELEVANT SECTOR GUIDANCE**

The requirements of the contents relate to the final standards as described in STS BAT Conclusion for Surface Treatment Using Organic Solvents including Wood and Wood Products Preservation with Chemicals.

### **CHANGES TO THE ACTIVITY**

The operator carrying on a prescribed activity under an Environmental Permit must notify Sheffield City Council in writing if he wishes to make a relevant change to this activity, in order that the Council may make a determination as to whether the change would be substantial or involve the breach of the current Environmental Permit conditions.

### **SURRENDER OF THE ENVIRONMENTAL PERMIT**

Should the operator wish to surrender the environmental permit either wholly or partially, they must first of all make an application to Sheffield City Council stating that surrender is required. Before allowing such a surrender, Sheffield City Council will need to be satisfied that the site will be left in a reasonable state and no further

pollution risk will be posed by either the site or, if it remains, any part of the installation.

### **TRANSFER OF THE ENVIRONMENTAL PERMIT**

Should the operator wish to transfer this environmental permit to another operator, either wholly or partially, an application must first of all be made to Sheffield City Council stating that surrender is required. A transfer of the environmental permit will be allowed provided Sheffield City Council are satisfied that the proposed new environmental permit holder can operate the activity in accordance with the conditions of the environmental permit.