

**Bath & North East
Somerset Council**

Hereby permits:

Glenavon Timber Treatment Limited, Treglennick, Newmills Lane, Truro,
Cornwall TR1 3EB

To operate a Part A2 installation at:

Glenavon Timber Treatment Limited, Ashmead Road, Ashmead
Industrial Estate, Keynsham, Bristol BS31 1SX

Under the provisions of:

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

Permit reference:

EP 126/2

Signed on behalf of Bath and North East Somerset Council

Signed: 

Date: 1st August 2017

Leigh Sanderson
Senior Public Protection Officer (Environmental Monitoring)
An authorised officer of the Council

Introductory Note

Confidentiality

The Permit requires the Operator to provide information to Bath & North East Somerset Council. The information will be placed on a public register in accordance with the requirements of the EP Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to Bath & North East Somerset Council to have such information withheld from the register as provided in the EP Regulations. To enable Bath & North East Somerset Council to determine whether or not the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Changes to the Operation

If the Operator proposes to make a change in operation of the installation he must, at least 14 days before making the change, notify the Regulator in writing. The notification must contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the application contains a description of the proposed change. In this condition, 'change in operation' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment.

Variations to the Permit

This Permit may be varied in the future. If at any time the activity or any aspect of the activity regulated by the following conditions changes such that the conditions no longer reflect the activity and require alteration, then an application form providing these details shall be submitted to the Regulator. Please contact the Regulator for an application to vary the Permit conditions.

Surrender of the Permit

Where an Operator intends to cease the operation of the installation (in whole or in part), then an application form providing these details shall be submitted to the Regulator. Please contact the Regulator for an application to surrender the Permit.

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 must be made by both the existing and proposed holders, in accordance with Regulation 21 of the EP Regulations. A transfer will be allowed unless the Local Authority 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. Please contact the Regulator for an application to transfer the Permit.

Responsibility under workplace health and safety legislation

This Permit is given in relation to the requirements of the EP Regulations. It must not be taken to replace any responsibilities you may have under workplace health and safety legislation.

Appeals

Anyone who is aggrieved by the conditions attached to a Permit can appeal to the Secretary of State for the Environment or the Secretary of State for Wales, as appropriate. Appeals must be received by the appropriate Secretary of State no later than 6 months from the date of the decision (normally the date on the bottom of the Permit).

Appeals relating to processes in England and Wales should be sent to the Planning Inspectorate at the following address:

The Planning Inspectorate
Environmental Pollution Administration
Room 4/19 Eagle Wing
2 The Square
Temple Quay
Bristol
BS1 6PN

Guidance on the appeals procedure is contained in Regulation 31 and Schedule 6 of the EP Regulations.

The appeal must be in the form of a written notice or letter stating that the Operator/person wishes to appeal, and must list the condition(s) which is/are being appealed against. For an appeal to be valid, the following items **must** be included:

- a) a statement of the grounds of appeal
- b) a statement indicating whether the appellant (the person making the appeal) wishes the appeal to be dealt with:
 - by a hearing attended by both parties and conducted by an Inspector appointed by the Secretary of State, or
 - by both parties sending the Secretary of State written statements of their case (and having the opportunity to comment on one another's statements)
- c) a copy of any relevant application
- d) a copy of any relevant permit
- e) a copy of any relevant correspondence between the appellant and the Regulator
- f) a copy of any decision or notice which is the subject matter of the appeal.

At the same time, the Notice of Appeal and documents a) and b) must be sent to the Council, and the appellant should inform the appropriate Secretary of State that this has been done.

Please Note

- An appeal will **not** suspend the effect of the conditions appealed against; the conditions must still be complied with.
- In determining an appeal against one or more conditions, the Act allows the Secretary of State in addition to quash any of the other conditions not subject to the appeal and to direct the Local Authority either to vary any of these conditions or to add new conditions.
- You will be liable for prosecution if you fail to comply with the conditions of this Permit. If found guilty, the maximum penalty for each offence if prosecuted in a Magistrates' Court is an unlimited fine and/or 6 months imprisonment. In a Crown Court it is an unlimited fine and/or 5 years imprisonment.

Contact details of the Regulator

Environmental Monitoring
Public Protection & Health Improvement
Bath & North East Somerset Council
Lewis House
Manvers Street
Bath
BA1 1JG

Tel: 01225 396693
Fax: 01225 477596
Email: environmental_monitoring@bathnes.gov.uk
www.bathnes.gov.uk

Permit History

Superseded Permits relating to this installation		
Holder	Reference Number	Date Issued
Glenavon Timber Treatment Ltd	EP126	7 th July 2015

Description of Activity

The permitted installation to which this permit applies (“the installation”) is Glenavon Timber Treatment Limited, Ashmead Road, Ashmead Industrial Estate, Keynsham, Bristol BS31 1SX.

The general location of the site is delineated in red on the Location Plan (Appendix A).

The boundary of the site is delineated in blue and the boundary of the installation is delineated in red on the Site Plan (Appendix B).

Glenavon Timber Treatment Limited operates an activity for the preservation of wood and wood products with a production capacity exceeding 75m³ per day using two separate processes, High Pressure and Double Vacuum.

The High Pressure process involves the loading of timber into an autoclave, which is first subjected to a vacuum, then flooded with chemical, and finally having pressure applied to the full vessel in order to force the chemical into the wood.

The Double Vacuum process is similar to the above but without the pressure element. Timber is loaded into a low pressure treatment tank where a vacuum is pulled, then chemical floods the tank and fills the cells of the timber which have been opened by the vacuum.

In both cases, any excess chemical is extracted by pump back into storage for re-use.

PERMIT CONDITIONS

Point of Contact & Accessibility of Permit

1. An appropriate person (and deputy) shall be appointed as the primary point of contact with Bath and North East Somerset Council (the Regulator). The Regulator shall be notified in writing of the name of the appointed person (and deputy) within 4 weeks of the issue date of the permit.
2. In the event of a different person being appointed to act as primary point of contact (or deputy), the Regulator shall be notified in writing of the name of the appointed person or deputy without delay.
3. A copy of this permit shall be kept at the permitted installation and shall be made readily accessible for examination by all staff.

Records

4. Any systems or procedures used to demonstrate compliance with a condition of this permit shall be recorded.
5. All records made in compliance with this permit shall be kept in a systematic manner.
6. Unless otherwise specified in a condition of this permit, every record made in compliance with a condition of this permit shall be preserved for not less than 5 years from the date of its being made. Every such record shall be kept at the permitted installation for not less than one year from the date of its being made and thereafter preserved at a location, previously notified to the Regulator in writing, if that location is not the permitted installation.
7. All records shall be legible, and any amendment made to any record made in compliance with a condition of this permit shall be made in such a way as to leave the original entry clear and legible. The reason for each amendment shall be explained in the said record.
8. Without prejudice to Condition 6 above, all records relevant to the operation or maintenance of the permitted installation shall be kept at the permitted installation for not less than one year from the end of the period to which they apply.

Reporting

9. All reports and notifications required by any condition of this permit shall be made to Bath and North East Somerset Council in the manner specified in that condition to the address specified to the operator by the date(s) or within the period or at the frequency specified in this permit.

10. All reports and notifications shall include this permit's reference number and name of the operator.
11. Where the permitted installation has not operated for the duration of any reporting period specified in this permit, a written notification to that effect shall be provided to Bath and North East Somerset Council. This notification shall confirm that no reports have been made in terms of Condition 9 because the permitted installation has not operated during the said period. Such notifications shall be submitted within one month of the end of the reporting period concerned.

Incidents

12. In the event of an incident all necessary measures shall immediately be taken:
 - a) to prevent, or where that is not practicable to reduce, emissions from the permitted installation;
 - b) to limit the environmental consequences as a result of that incident; and
 - c) to prevent further possible incidents.
13. Without prejudice to the requirements of Condition 12 above, in the event of an incident involving the breach of any condition of the permit all measures necessary to ensure that compliance is restored in the shortest possible time shall immediately be taken.
14. Notwithstanding the requirements of Conditions 12 and 13 where a breach of any condition of the permit poses an immediate danger to human health, or threatens to cause an immediate significant adverse effect on the environment, operation of the permitted installation or relevant part thereof shall be immediately suspended until such time as it can be operated in compliance with the conditions of the permit.
15. In the event of an incident, Bath and North East Somerset Council shall be notified without delay by telephone to the Environmental Monitoring team. This notification shall include as far as practicable the information specified in Condition 16.
16. Any incident shall be confirmed in writing to the Regulator by the next working day after identification of the incident. This confirmation shall include: the time and duration of the incident, the receiving environmental medium or media where there has been any emission as a result of the incident, an initial estimate of the quantity and composition of any emission, the measures taken to prevent or minimise any emission or further emission, and a preliminary assessment of the cause of the incident.

17. Any incident notified to the Regulator shall be investigated, and a written report of the investigation sent to the Environmental Monitoring team. The report shall detail, as a minimum, the circumstances of the incident, an assessment of any harm to the environment and the steps taken to bring the incident to an end. The report shall also set out proposals for remediation, where necessary, and for preventing a repetition of the incident. Unless otherwise agreed with the Regulator in writing, the report shall be sent to the Environmental Monitoring team within 14 days of the date of the incident.
18. For the avoidance of doubt, any release of timber treatment chemical to soil, groundwater or the water environment shall be considered to be an incident and in addition any such release shall be considered to threaten to cause a significant adverse impact on the environment and as such the requirements of Condition 14 shall apply until the release had stopped.

Written Management Systems

19. The permitted installation shall be managed and operated:
 - (a) in accordance with a written management system that:
 - (i) ensures that the installation is operated in compliance with the permit,
 - (ii) identifies and minimises risks of pollution,
 - (iii) ensures that all appropriate preventive measures are taken against pollution, and
 - (iv) no pollution is caused; and
 - (b) by using sufficient competent persons and sufficient resources.
20. The written management system required by Condition 19 shall include, as a minimum, systems and procedures setting out the necessary steps to be taken:
 - (a) to ensure that all staff engaged in carrying on operations at the permitted installation are provided with adequate professional and technical development and training and written operating instructions to enable them to carry on their duties, including the maintenance of a record of the skills and training requirements for each job and of all relevant training undertaken by staff;
 - (b) to ensure that the permitted installation is managed and supervised by a designated technical competent person responsible for ensuring that the operator complies with conditions of this permit;
 - (c) to start up operations of the permitted installation;

- (d) to commission the permitted installation prior to the first operation of, or the first operation following any significant change to, the permitted installation;
 - (e) to shut down operations of the permitted installation;
 - (f) following final cessation of activities to decommission the permitted installation and to take all necessary measures avoid any pollution risk and to return the site to a satisfactory state;
 - (g) to monitor the condition of, and maintain, the permitted installation including as a minimum, process plant, instrumentation, equipment, drains, underground structures and buildings which it relies on for the prevention, or limitation, of pollution from the permitted installation;
 - (h) to undertake maintenance of the permitted installation;
 - (i) investigate and rectify any non-conformance with this permit or pollution resulting from the permitted installation identified by the operator or drawn to the attention of the operator whether by an authorised person or by complaint by another person; and
 - (j) in the event of an incident, leak, malfunction, momentary stoppage or other defect of the permitted installation.
21. The written management system required by Condition 19 shall be implemented:
- (a) prior to the end of the commissioning period of a new installation or an installation that has undergone a significant change; or
 - (b) within a period of 6 months from the date this permit is granted.
22. The written management system shall be reviewed on a regular basis and in any event shall be reviewed:
- (a) where there is any significant change in the operations carried on at the permitted installation;
 - (b) within a period of one year from the first operation of a new or significantly changed installation; or
 - (c) at least once every 4 years in any other circumstance.
23. All reviews required by Condition 22 shall be recorded and the results of any review incorporated in the written system and implemented within a period of 3 months from the end of the review.

Sampling and Monitoring Facilities

24. Sampling, measurement and monitoring facilities at the permitted installation shall conform to the requirements of the relevant test methods specified in any condition of the permit or as otherwise agreed in writing by Bath and North East Somerset Council.
25. Unrestricted access to all sampling points required by any condition of this permit shall be provided at all times to authorised persons.

Noise and Vibration

26. Unless otherwise specified in any other condition of this permit, at least every 4 years a systematic assessment of noise and vibration emissions associated with operations at the permitted installation shall be undertaken. The purpose of the assessment shall be to identify methods of reducing noise and vibration emissions. Each assessment shall be recorded and reported to the Regulator within one month of the completion of the assessment.

Odour

27. All emissions to air from the permitted installation shall be free from offensive odour, as perceived by the Regulator, outside the site boundary.

Particulate Matter

28. All emissions to atmosphere from the permitted installation shall be free from visible emissions of particulate matter and fallout of particulate matter beyond the site boundary.

Resource Utilisation

29. At least every 4 years, a systematic assessment of the raw material, energy and fuel consumption, emissions and waste production associated with the permitted installation shall be undertaken. The purpose of the assessment shall be to identify methods of reducing raw material, energy and fuel consumption, emissions and waste production including the identification of methods of avoiding or reducing the impact on the environment of the disposal of waste. Each assessment shall be recorded.

Avoidance, recovery and disposal of wastes produced by the permitted installation

30. All necessary measures shall be taken to ensure that:
- (a) the waste hierarchy referred to in Article 4 of Directive 2008/98/EC on waste (the "Waste Framework Directive") is applied to the generation of waste by the permitted activities; and

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

Protection of Soil and Groundwater

- 31. There shall be no emission of any pollutants to groundwater or soil from the permitted installation.
- 32. Plans shall be maintained that identify the configuration and specification of all drains and subsurface pipe-work and the position and purpose of all subsurface sumps and storage vessels that are used or have been used within the permitted installation from the date of this permit until the permit is surrendered.
- 33. A record shall be maintained of any incident that has, or might have, impacted on the condition of any soil or groundwater under the permitted installation, either as a result of that incident or as a result of an accumulation of incidents, together with a record of any further investigation or remediation work carried out.
- 34. Notwithstanding the requirements of any other condition requiring records to be kept for a limited period of time, the record required by Condition 33 shall be preserved until this permit is surrendered.
- 35. Unless otherwise specified in any other condition, all containers used to store any potentially environmentally hazardous material shall be located in a bund. The minimum capacity of any bund shall be either 110% of the capacity of the largest container within the bund, or 25% of the total capacity of all the containers within the bund, whichever is the greater. In the event of any containers being connected to one another, they shall be treated as one container.
- 36. Unless otherwise specified in any other condition, the bunded area(s) and containers referred to in Condition 35 shall conform to the following standards:
 - the walls and base of the bund shall be impermeable and the base of the bunded area shall drain to a sump
 - when not in use all taps, valves, pipes and every part of each container shall be located within the area served by the bund
 - vent pipes shall be directed downwards into the bund
 - no part of the bund shall be within 10 metres of a watercourse

- all containers with a design capacity above 1250 litres shall be fitted with a device for continuously monitoring the level of the contents.

37. At least every 4 years, a systematic assessment shall be carried out of all measures used to prevent emissions from the permitted installation to soil and groundwater. A written report of each assessment shall be recorded and reported to the Regulator. The report shall include details of and timescales for any additional measures that are required to prevent emissions to soil and groundwater.

Soil and Groundwater Monitoring

38. The groundwater at the site shall be monitored for the relevant hazardous substances specified in Table A at the frequency specified in Table A, the purpose of which shall be to identify groundwater contamination associated with the activities specified in Table A by those relevant hazardous substances. Each assessment shall be recorded and reported to the Regulator. The first assessment shall be completed by 7th July 2016. The assessment shall include interpretation of the results with reference to previous monitoring undertaken (including the site and where applicable baseline reports) and operations at the permitted installation, and details of corrective actions that are required to protect groundwater and remedy any contamination that has occurred a result of permitted activities.

Table A – Groundwater Monitoring Requirements		
Relevant hazardous substance	Activity to be monitored	Frequency
Wolsit KD-20C	Double vacuum process	Every 5 years
Wolmanit CX8F	High pressure process	Every 5 years
Wolmanit ProAdd T1669	High pressure process	Every 5 years
Wolmanit ProAdd DF	High pressure process	Every 5 years
Wolsit SP	High pressure process	Every 5 years
Wolmanit C&T	High pressure process	Every 5 years

39. The soil at the site shall be monitored for the relevant hazardous substances specified in Table B at the frequency specified in Table B, the purpose of which shall be to identify soil contamination associated with the activities specified in Table B by those relevant hazardous substances. Each assessment shall be recorded and reported to the Regulator. The first assessment shall be completed by 7th July 2016. The assessment shall include interpretation of the results with reference to previous monitoring undertaken (including the site and where applicable baseline reports) and operations at the permitted installation and details of corrective actions that are required to protect soil and remedy any contamination that has occurred as a result of permitted activities.

Table B – Soil Monitoring Requirements		
Relevant hazardous substance	Activity to be monitored	Frequency
Wolsit KD-20C	Double vacuum process	Every 10 years
Wolmanit CX8F	High pressure process	Every 10 years
Wolmanit ProAdd T1669	High pressure process	Every 10 years
Wolmanit ProAdd DF	High pressure process	Every 10 years
Wolsit SP	High pressure process	Every 10 years
Wolmanit C&T	High pressure process	Every 10 years

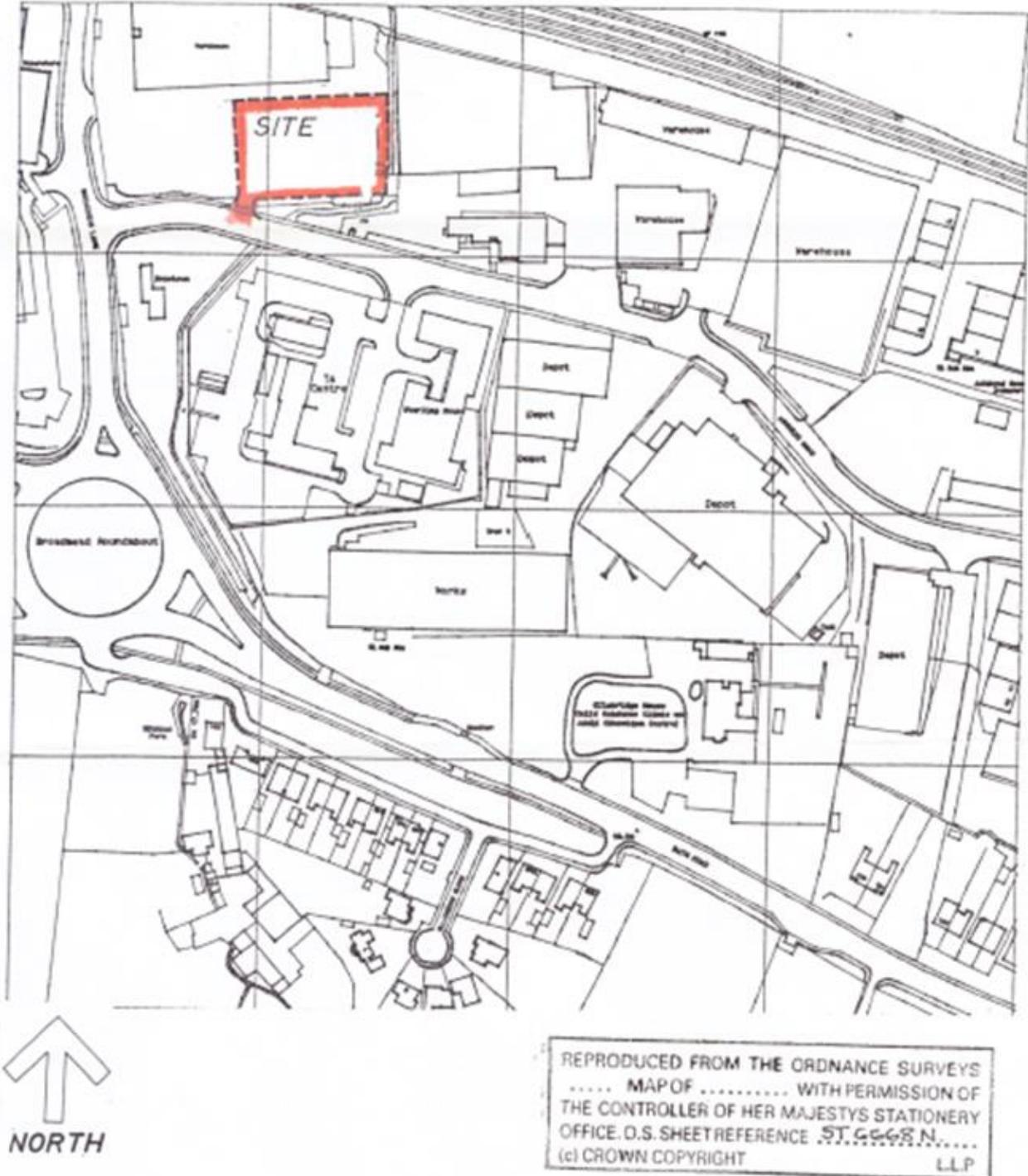
40. A detailed soil and groundwater monitoring plan shall be submitted to Bath and North East Somerset Council for the monitoring required by Conditions 38 and 39, at least three months in advance of carrying out the monitoring, which shall include the locations at which monitoring shall be carried out and the methodology which shall be used.
41. The monitoring required by Conditions 38 and 39 shall be carried out in accordance with the soil and groundwater monitoring plan required by Condition 40.
42. The plan required by Condition 40 shall be reviewed no later than 6 months after each monitoring event. The purpose of the review shall be to determine

whether any changes to monitoring locations, frequency or parameters are required, and where changes are proposed, submit a revised plan to Bath and North East Somerset Council.

43. Notwithstanding the requirements of Condition 6, all plans, monitoring and assessment reports undertaken in accordance with Conditions 38, 39, 40, 41 and 42 shall be preserved until the permit is surrendered.
44. The groundwater monitoring wells detailed in the plan required in Condition 41 shall be maintained in a condition fit for purpose, unless otherwise agreed in writing with Bath and North east Somerset Council. Where a well's function is compromised it shall be repaired or replaced to allow sample collection in accordance with Conditions 38 and 39.

End of Conditions

APPENDIX A – Location Plan



APPENDIX B – Site Plan

