



**POLLUTION PREVENTION AND CONTROL ACT 1999
ENVIRONMENTAL PERMITTING (ENGLAND & WALES) REGULATIONS 2010,
AS AMENDED**

**Permit Number: 6.6/084359/LT1
Installation Address:
Arnold Laver & Co Ltd
Oxclose Park Road North
Sheffield
S20 8GN**

In accordance with Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010 as amended, Arnold Laver and Co Ltd 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 75m³ per day other than exclusively treating against sapstain as described in Schedule 1, Part 2, Chapter 6, Part A(2) subject to the following conditions of this Permit.

Signed

Dated this day

13th July 2016

**Environmental Protection Manager
Authorised by Sheffield City Council to sign on their behalf**

The Secretary of States Sector Guidance Note IPPC SG11 (draft) 'Guidance for wood products preservation with chemicals' September 2013 has provided the framework for the conditions in this Permit.

Name & Address of Operator:

Arnold Laver & Co Ltd
Bramall Lane
Sheffield
S2 4RJ

Contact: Andrew Bowler
Tel: 0114 276 4700
email: andrewbowler@laver.co.uk

company registration number 267843

Holding Company:

Arnold Laver Holding Ltd
Bramall Lane
Sheffield
S2 4RJ

Address of Permitted Installation:

Arnold Laver & Co Ltd
Oxclose Park Road North
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
5th Floor (North)
1 Union Street
Sheffield
S1 2SH**

Alternatively Email: epsadmin@sheffield.gov.uk

Tel: (0114) 273 4651

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Explanatory Note to Environmental Permit for Part A2 Installations (This note does not form a part of the Permit)

The following Permit is issued under Regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010 (S.I. 2010 No.675), as amended, (“the EP Regulations”) to Permit a scheduled activity to operate at the address detailed previously, namely the preservation of wood and wood products with chemicals with a production capacity exceeding 75m³ per day other than exclusively treating against sapstain as described in Schedule 1, Part 2, Chapter 6, Part A(2), to the extent authorised by the Permit and subject to the following conditions.

Process Changes

Under the provisions of the EP Regulations, 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 wishes 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 A2 installation 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 65 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 65 (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
5th Floor (North)
1 Union Street
Sheffield
S1 2SH**

Tel: 0114 273 4651 or email epsadmin@sheffield.gov.uk or 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 2010 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 no forms or charges for appealing. However, for an appeal to be valid, appellants (the person/Operator making the appeal) are legally required to provide:

- Written notice of the appeal;
 - A statement of the grounds of appeal;
 - A statement indicating whether the appellant wishes the appeal to be dealt with by written representations procedure or a hearing – a hearing must be held if either the appellant or enforcing authority requests this, or if the Planning Inspector or the Secretary of State decides to hold one.
 - (Appellants must copy the above three items to the local authority when the appeal is made)
 - A copy of any relevant application;
 - A copy of any relevant Permit;
 - A copy of any relevant correspondence between the appellant and the regulator; and
 - A copy of any decision or notice, which is the subject matter of the appeal.

Where to Send Your Appeal Documents

Appeals should be addressed to:

**The Planning Inspectorate
Environmental Appeals Administration
Room 4/19 – Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol BS1 6PN**

In the course of an Appeal process the main parties will be informed of 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.

Enforcement

An **Enforcement Notice** may be served if the Local Authority believes an Operator has contravened, is contravening or is likely to contravene any condition of his Permit.

A **Suspension Notice** may be served if in the opinion of the Local Authority the operation of an installation involves an imminent risk of serious pollution. This applies whether or not the Operator has breached a Permit condition.

The Local Authority can revoke a Permit by written notice at any time by serving a **Revocation Notice**. The Permit then ceases to authorise the operation of the installation.

Offences

A limited summary of the offences is listed below:

- a) operation of an installation without a Permit
- b) failure to comply with or contravene a Permit condition
- c) failure to comply with the requirements of an enforcement or suspension notice

A full list is available under Regulation 38 of the Environmental Permitting (England & Wales) Regulations 2010 as amended.

Penalties

The maximum penalties for the above offences are a fine not exceeding £50,000 and/or up to twelve months imprisonment per offence for a summary conviction (in a Magistrates Court); and a fine and/or up to five years imprisonment for conviction on indictment (in a Crown Court).

Definitions

In relation to this Permit, the following expressions shall have the following meanings:

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

“Application” means the application for this Permit, together with any response to a notice served under Schedule 4 to the EPR Regulations and any operational change agreed under the conditions of this Permit.

“Authorised officer” means any person authorised 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.

“EPR Regulations” means the Environmental Permitting (England and Wales) Regulations S.I.2010 No. 675 (as amended) and words and expressions defined in the EPR Regulations shall have the same meanings when used in this Permit save to the extent they are explicitly defined in this Permit.

“Permitted Installation” means the activities and the limits to those activities described in this Permit.

“Monitoring” includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

“Regulator” means any officer of Sheffield City Council who is authorised 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(1) of that Act.

“BAT” means the most effective and advanced stage in the development of activities and their methods of operation which indicates the practical suitability of particular techniques for providing in principle the bases for emission limit values designed to prevent, and where that is not practical, generally to reduce emissions and the impact on the environment as a whole. For those purposes:

“available techniques” means those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the Operator;

“best” means, in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole; *“techniques”* include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned. Schedule 2 of the Regulations shall have effect in relation to the determination of best available techniques, and;

“Fugitive Emission” means an emission to air from the Permitted installation that is not controlled by an emission limit imposed by a condition of this Permit;

“grading” means the sorting of metals to industry-agreed specifications ready for use, without the need for further treatment, by the end consumer to manufacture new metals.

“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.

“Impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface, and should be read in conjunction with the term “sealed drainage system” (below).

“pollution” means emissions as a result of human activity which may –

- a) be harmful to human health or the quality of the environment,
- b) cause offence to a human sense,
- c) result in damage to material property, or
- d) impair or interfere with amenities and other legitimate uses of the environment.

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

“R” means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5th April 2006 on Waste.

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

- a) no liquid will run off the surface otherwise than via the system;
- b) except where they may lawfully be discharged to foul sewer, all liquids entering the system are collected in a sealed sump.

“separation” means separating wastes into different material types, components and grades.

“SSSI” means Site of Special Scientific Interest within the meaning of the Wildlife and Countryside Act 1981 (as amended by the Countryside and Rights of Way Act 2000).

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

“year” means calendar year commencing on 1st January.

Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the document with the most recent publication date shall be taken to be the most appropriate document to be used.

Description of Activities

The timber treatment facility at Arnold Laver & Co Ltd, 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 supplied by Lonza.

Tanalith Plant (high pressure)

The high pressure plant is a Scholz vessel ID no. 43117 made in 2002. The high pressure plant uses a chemical called Tanalith E 8000. 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 Vacsol Aqua 6108 Conc. 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 Tanalith and Vac – Vac plants are situated in a fully bunded area. The bund is in the form of a concrete kerb 150mm x 150mm. The curb has cross over ramps for the fork lift that works in the area. Both chemicals are delivered in sealed IBC's in concentrate format 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. Whilst minimal, any spillages will be within the bunded area. The mixing tanks are within bunds sized at greater than 110% of the mixing tanks.

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 chemical is 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 so that any excess liquid can drain back into the storage tanks for re-use.

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 run off of excess liquid. The treated timber is kept in the drying area until touch dry (between 12 and 24 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. There is no risk of chemical dripping off the timber at this stage as it is dry.

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

CONDITIONS OF PERMIT

All conditions shall be complied with immediately unless otherwise stated in the condition.

Section 1 – Upgrading Requirements

1.1 Time Table of Submissions

Condition	Requirement	Date for Compliance
4.16	Spillage procedure for spillages of treatment chemicals	Within 6 weeks of the issue date of this Permit
7.3	Groundwater monitoring plan devised and sampling undertaken	Within 6 months of the date of this Permit
7.4	Report of groundwater sampling results submitted	Within 12 months of the date of this Permit
7.6	Soil monitoring plan devised and sampling undertaken	Within 6 months of the date of this Permit
7.7	Report of soil sampling results submitted	Within 12 months of the date of this Permit
7.10	Assessment of fork lift truck movements	Within 6 weeks of the issue date of the Permit
9.1	Audit of plant, equipment and control measures	Within 8 weeks of date of this Permit
9.2	Preventative maintenance schedule for plant, equipment and control measures identified	Within 8 weeks of date of this Permit
10.3	Audit of key skills and competencies	Within 6 months of date of this Permit
11.1	Accident Management Plan	Within 12 months of date of this Permit
12.1	Raw materials audit	Within 3 months of the date of this Permit
12.2	Procedures for the control of raw materials specification	Within 12 months of the date of this Permit
13.1	Water efficiency audit	Within 6 months of the date of this Permit
13.2	Measurement of water usage	Within 6 months of the date of this Permit
14.2	Energy consumption report	By August 31 st 2017

Section 2 – Plant and Equipment

- 2.1 Arnold Laver & Co Ltd is Permitted to carry out the activities and/or associated activities specified in Table 1 below.

Table 1 – Permitted Activities

Listed/ Directly Associated Activity	Description of Specified Activity
Schedule 1; Section 6.6; Part A2	Preservation of wood and wood products with chemicals with a production capacity exceeding 75m ³ per day other than exclusively treating against sapstain
Delivery and storage of raw materials such as treatment chemicals and timber raw materials for use within the process	Handling raw materials from receipt, storage and handling in designated areas or by designated methods.
Mixing of chemicals with water	Area designated for mixing the treatment chemicals with water; 3-5% treatment chemicals to 95-97% water.
Treatment of timber	The loading of timber within the high or low pressure treatment vessels and addition of mixture containing treatment chemicals and water
Drying process	After treatment the timber is brought out of the timber treatment vessel and placed within a drying area which is fully bunded. The treated timber remains in this area until it is fully dry
Storage and handling of final products	Storage and handling of dry treated timber.

- 2.2 The activities specified in condition 2.1 shall not extend beyond the installation boundary outlined in red on the site location plan in Appendix 3 of this Permit. Storage and handling of final products shall also be carried out within the yard area marked in blue.
- 2.3 The best available techniques shall be used to prevent or, where that is not practicable, reduce emissions from the installation in relation to any aspect of the operation of the installation which is not regulated by any other condition of this Permit.

Section 3 – Emissions Limits and Controls: Air

- 3.1 There shall be no persistent visible emissions from the installation.

Section 4 – Emissions Limits and Controls: Groundwaters

- 4.1 Emissions to watercourses or ground waters from the installation are not permitted. There shall be no intentional point source emissions of hazardous and non hazardous substances as defined by the Groundwater Regulations 2009. A list of hazardous and non hazardous substances are shown in Appendix 6.
- 4.2 Any change to the drainage plan as contained within Appendix 5 of the Permit shall require the Operator to notify the Regulator. Plans shall be maintained that identify the configuration and specification of all drains and sub surface pipework and the position and purpose of all sub-surface 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.
- 4.3 The whole area of the ground of the installation shall be provided with concrete hard standing to prevent emissions to groundwaters. All operational and storage areas shall have an impervious surface, spill containment kerbs, sealed construction joints and connected to a sealed drainage system.
- 4.4 The concrete hard standing covering the installation shall be inspected on an **monthly** basis as a minimum. Particular attention shall be given to areas surrounding storage tanks, bunded areas, waste storage areas and raw material storage areas. All inspections and checks shall be recorded. Defects in the concrete hard standing shall be rectified within 4 weeks of the inspection. Details of the defects and remedial works shall be recorded.
- 4.5 Run off treatment chemicals and other substances from raw material storage areas shall be channelled to interceptors which lead to a sealed catchpit to prevent or minimise discharge of pollutants.
- 4.6 All interceptors to the site drainage system shall be impermeable and be visually checked at least once every twelve months, subject to review by risk assessment. Any contamination found shall be removed immediately. All inspections and checks shall be recorded.
- 4.7 All tanks or storage containers of potentially harmful liquids such as treatment chemicals, shall be bunded. Bunds shall be impermeable and resistant to the materials stored, have no outlets and drain to a blind collection point. Bunds shall be designed to have a holding capacity of at least 110% of the largest tank.
- 4.8 During treatment the packs shall be stacked in a tilted manner to maximise free draining of the treatment solution.
- 4.9 Untreated timber shall be pushed into the treatment vessel along a rail system on an impermeable surface.

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- 4.10 Treatment vessels shall be locked shut and sealed once loaded and before treatment takes place. The treatment plant shall be fitted with automatic controls to prevent operation unless the vessel is locked and sealed. These controls shall ensure that the vessel cannot be opened unless the treatment cycle is complete and that the residual treatment solution has been returned to storage. The controls serving the Tanalith plant shall display whether liquid is present within the treatment vessel. The control serving the Vac – Vac plant shall display the pressure level in the tank and the volume of liquid in the return tank.
- 4.11 The treatment vessel door shall be fitted with a catch-lock to prevent the release of fluid should the door need to be opened in an emergency.
- 4.12 Once the treatment has been completed the treated timber shall be removed from the vessel along a rail system on an impermeable surface with the treatment solution draining into a bunded area.
- 4.13 The treated timber packs shall remain in the drying areas undercover until they are dry prior to storage outside in the designated storage area or despatch .
- 4.14 Spillages of treatment chemicals or other potentially contaminative substance/s shall be dealt with in accordance with a written Spill Procedure which is approved in writing by Sheffield City Council's Environmental Protection Service. Details of the proposed Spill Procedure shall be submitted to Sheffield City Council's Environmental Protection Service within six weeks of the date of this Permit.
- 4.15 Suitable and sufficient spill kits shall be provided at appropriate locations around the installation and staff shall be trained on their use.
- 4.16 A record shall be maintained of all spillages and any other incident that may have an impact on the condition of any groundwater under the permitted installation, either as a result of that incident or as a result of an accumulation of incidents, Any further investigation or remediation work carried out shall be recorded. These records shall be kept until the Permit is surrendered.

Section 5 – Emissions Limits and Controls: Sewers

- 5.1 There shall be no process emissions to sewer or surface water drainage without the prior consent of Sheffield City Council's Environmental Protection Service. The Operator shall make a written application to Sheffield City Council's Environmental Protection Service at least 28 days prior to any intention to discharge waste to sewer or surface water drainage.

Section 6 – Emissions Limits and Controls: Land

- 6.1 Discharges to land from the installation are not permitted. There shall be no intentional point source emissions of hazardous and non hazardous substances as defined by the Groundwater Regulations 2009. A list of hazardous and non hazardous substances are shown in Appendix 6.
- 6.2 All wastes shall be removed from the site for recycling or lawful disposal.
- 6.3 A record shall be maintained of all spillages and any other incident that may have an impact on the condition of any soils 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. These records shall be kept until the Permit is surrendered.

Section 7 – Sampling, Monitoring and Assessments

- 7.1 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 the Regulator.
- 7.2 Unrestricted access to all sampling points required by any condition of this Permit shall be provided at all times to the Regulator.
- 7.3 Within 6 months from the date of this Permit the Operator shall submit in writing a scheme to, and agreed by, the Regulator for monitoring and assessing the risk of contamination of groundwater, under and surrounding the site from the timber treatment process.
- 7.4 Within 12 months from the date of this Permit, and in accordance with Condition 7.3, the Operator shall submit a report of monitoring results undertaken by a competent person(s) of groundwater sampling to the Regulator. Following this, groundwater sampling shall be undertaken at least once every 5 years and reported to the Regulator. This is a requirement of Article 16 of the Industrial Emissions Directive 2010/75/EU.
- 7.5 The scheme required by Condition 7.3 shall detail chemicals used at the installation over the previous 12 years, identifying the active ingredients hazardous to the environment and the analysis proposed to be undertaken. It shall also contain details and locations of any boreholes required in order to undertake the monitoring.
- 7.6 Within 6 months from the date of this Permit the Operator shall submit in writing a scheme to, and agreed by, the Regulator for monitoring and assessment of the nature, scale and extent of any contamination of the soil, under and surrounding the site. Any evidence of soil contamination from the timber treatment facility shall be fully investigated by the operator to determine the nature, scale, and extent and shall include a risk assessment to determine the impact on soil quality under and surrounding the site.

- 7.7 Within 12 months from the date of this Permit, and in accordance with condition 7.6, the Operator shall submit a report of monitoring results undertaken by a competent person(s) of soil sampling to the Regulator. The sampling shall take place at suitable locations that will most likely to assess the nature, scale and extent of any contamination of the soil on site. Following this soil sampling shall be undertaken at least once every 10 years and reported to the Regulator. This is a requirement of Article 16 of the Industrial Emissions Directive 2010/75/EU.
- 7.8 The monitoring plan required by Condition 7.6 shall detail chemicals used at the installation over the previous 12 years, identifying the active ingredients hazardous to the environment and the analysis proposed to be undertaken. It shall also contain details and locations of where it is proposed to undertake the monitoring.
- 7.9 All boreholes used for sampling within the monitoring plans as per condition 7.3 shall remain capped when not in use.
- 7.10 The plans required by conditions 7.3 and 7.6 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 revised monitoring plans to the Regulator.
- 7.11 The Operator shall carry out an assessment to identify the risks posed by fork truck movements in and out of the timber treatment facility and the potential for treatment chemicals to be released into the environment. The assessment shall be provided in writing to the Regulator no later than 7th July 2016 and shall contain:
- A statement of the perceived risks along with their significance
 - A list of control measures that are currently in place
 - Any proposed control measures identified as a result of the assessment
- 7.12 The Operator shall ensure that adverse results from any monitoring or assessments are investigated immediately to identify and rectify the cause of the emission. Full details of the emissions and any corrective action shall be recorded in the recording system in accordance with Condition 8.12.
- 7.13 For all non-continuous monitoring the methods to be employed shall be agreed in writing by Sheffield City Council's Environmental Protection Service prior to the monitoring being undertaken.

Section 8 – Records, Reporting and Notifications

- 8.1 Any systems or procedures used to demonstrate compliance with a condition of this Permit shall be recorded.
- 8.2 All records made in compliance with this Permit shall be kept in a systematic manner.
- 8.3 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 1 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.
- 8.4 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.
- 8.5 In the event of an incident all necessary measures shall immediately be taken:
- to prevent, or where that is not practicable to reduce, emissions from the Permitted installation;
 - to limit the environmental consequences as a result of that incident; and to prevent further possible incidents.
- 8.6 Without prejudice to the requirements of Condition 8.5 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 be taken immediately.
- 8.7 Notwithstanding the requirements of Conditions 8.5 and 8.6 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.
- 8.8 In the event of an incident, the Regulator **shall be notified without delay by telephone** to Sheffield City Council. This notification shall include as far as practicable the information below;
- 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.

8.9 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.

8.10 Any incident notified to the Regulator shall be investigated, and a written report of the investigation sent to Sheffield City Council. The report shall detail, as a minimum:

- the circumstances of the incident,
- an assessment of any harm to the environment, and
- the steps taken by the Operator 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 Sheffield City Council within 14 days of the date of the incident.

8.11 **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 8.8 shall apply until the release has stopped.**

8.12 In the event of adverse results from any monitoring activity the Operator shall undertake the following actions:

- Investigate the cause immediately;
- Carry out corrective action as soon as is practicably possible;

- Record as much detail as possible regarding the cause and extent of the problem and the action taken to rectify the situation;
- Notify Sheffield City Council's Environmental Protection Service within one day of becoming aware of the results.

8.13 The Operator shall give written details to Sheffield City Council's Environmental Protection Service in the following instances;

- a) Permanent cessation of the operation of any part of, or all of the Permitted Installation;
- b) Cessation of the operation of any part of, or all of the Permitted Installation, for a period likely to exceed 1 year;
- c) Any proposed change in the operation of the installation; and
- d) Resumption of the operation of any part of, or all of the Permitted installation after a cessation notified under (b) above.

8.14 The Operator shall notify the following matters to Sheffield City Council's Environmental Protection Service, in writing, within 14 days of their occurrence:

- Any change in the trading name of Arnold Laver & Co Ltd's registered name or registered office address;
- Any steps taken with a view to Arnold Laver & Co Ltd going into administration;
- Entering into a company voluntary arrangement or being wound up.

8.15 All reports and notifications required by this Permit shall be sent by mail to:-

Sheffield City Council,
Environmental Protection Service,
Howden House,
5th Floor (North)
1 Union Street
Sheffield
S1 2SH

or by e-mail to:- epsadmin@sheffield.gov.uk or jppc@sheffield.gov.uk

or by fax to:- (0114) 273 6464.

- 8.16 A record shall be made of:-
- a) Any malfunction, breakdown or failure of plant, equipment or techniques, including downtime and any short-term and long-term remedial measures that may have had an effect on the environmental performance of the permitted installation.
 - b) These records shall be kept in a system maintained for that purpose;
 - c) All monitoring, sampling, maintenance, inspections and assessments taken or carried out in accordance with the conditions of this Permit and any assessment or evaluation made on the basis of such data;
 - d) Other specified records for the installation as detailed elsewhere within this Permit
- 8.17 All records kept in accordance with Permit conditions shall be made available for inspection by Sheffield City Council's Environmental Protection Service at any reasonable time.
- 8.18 A record shall be made at the permitted installation of any complaints concerning the installation's effect or alleged effect on the environment. The record shall give the date of complaint, time of complaint, a summary of any investigation and the results of such investigation. Such records shall be made in the site log book or recording system kept in accordance with this Permit.
- 8.19 The Operator shall provide the Regulator the relevant information in relation to the pollutant release and off-site waste transfers pursuant to the directly applicable EU duty in accordance with Article 5 of EC Regulation 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register.

Section 9 – Maintenance

- 9.1 An audit of items of plant, equipment and control measures shall be undertaken. The audit shall identify all plant, equipment and control measures that are critical to prevent, reduce or control emissions from the installation, including but not limited to the storage tanks, bunding, alarms, interceptors. A copy of the audit shall be submitted to Sheffield City Council's Environmental Protection Service for written approval within 8 weeks of the date of this Permit.
- 9.2 A preventative maintenance schedule shall be produced for all critical plant and equipment identified from the audit required by condition 9.1. A copy of the maintenance schedule shall be submitted to Sheffield City Council's Environmental Protection Service for written approval within 8 weeks of the date of this Permit.
- 9.3 An adequate supply of spares and consumables shall be kept on site or made available within 72 hours from guaranteed suppliers for all items of plant and equipment identified as being critical as a result of the audit carried out in compliance with condition 9.2.

-
- 9.4 The alarms or warning systems for plant and equipment shall be checked as part of a preventative maintenance schedule and maintained in accordance with manufacturer's instructions. A record of such checks and maintenance shall be noted in the recording system.
- 9.5 All bunds and sumps shall be visually inspected at least once per year for contamination and integrity in accordance with a written preventative maintenance programme. The contents of bunds and sumps shall be pumped out and any contamination found shall be removed as soon as practicable. Details of the inspection and any remedial work shall be recorded in the recording system kept in accordance with condition 8.12 of this Permit.
- 9.6 All tanks shall be inspected at least once per year for integrity in accordance with a written preventative maintenance programme. Details of the inspection and any remedial work shall be recorded in the recording system kept in accordance with condition 8.12 of this Permit.
- 9.7 Records of breakdowns and plant failure shall be kept and analysed in order to identify trends and eliminate common failures. The records shall be made available for inspection by officers of Sheffield City Council's Environmental Protection Service on demand.
- 9.8 The Operator shall ensure that all detection systems, alarms, and protection systems are maintained in good working order in accordance with manufacturer's recommendations. They shall be serviced at least once in every 12 months by a competent person. Details of the maintenance shall be kept on site and made available for inspection by authorised officers of Sheffield City Council's Environmental Protection Service.

Section 10 – Management and Training

- 10.1 The Operator shall ensure that a competent person is available at all times for liaison with Sheffield City Council's Environmental Protection Service and members of the public.
- 10.2 The Operator shall adopt, implement and maintain an appropriate Environmental Management System to assist with compliance with this Permit. As a minimum, it shall address:
- Defined responsibilities;
 - Environmental policy;
 - Environmental objectives and targets linked to activities that have the potential to impact on the environment;
 - Environmental targets;
 - Communications and training;
 - Audits;
 - Procurement procedures;

- Design and implementation of capital projects;
- Contractors etc. working on site;
- Responding to problems;
- Environmental stewardship as an integral part of the business planning process;
- Record keeping;
- Includes a commitment to continual environmental improvement and prevention of pollution;
- Includes a commitment to comply with relevant legislation and other requirements to which the organisation subscribes;
- Identifies, sets, monitors and reviews environmental objectives and key performance indicators independently of the Permit.

10.3 A documented audit of key skills and competencies in respect of pollution control measures shall be undertaken and submitted to Sheffield City Council's Environmental Protection Service within 6 months of the date of issue of this Permit. The audit shall include contractors and those responsible for procuring equipment and materials where appropriate. The audit shall identify all key posts and the level of training that is required to ensure:

- Awareness of the regulatory implications of the Permit;
- Awareness of the potential environmental impacts under normal and abnormal circumstances;
- Awareness of the procedures for dealing with a breach of the Permit conditions;
- Prevention of accidental emissions and action to be taken when accidental emissions occur;
- Awareness of all operating procedures;
- Record keeping pertaining to maintenance, inspections and defects.

10.4 The documentation specified in Condition 10.3 of this Permit shall be updated following a change of personnel or modification of the process within 14 days.

10.5 A copy of this Permit shall be available on site at all times for reference by staff carrying out work subject to the requirements of the Permit.

Section 11 – Accidents

11.1 Within 12 months from the date of issue of the Permit, the Permit holder shall review the Accident Management Plan that identifies hazards, assesses the risks and identifies the measures required to reduce the risks of any potential events or failures that might lead to an environmental impact. The plan shall include written procedures for investigating accidents and near misses and also identify:

- The actions to be taken to prevent and minimise these potential occurrences; and
- The actions necessary to deal with such occurrences so as to limit their consequences.
- A copy of the plan shall, within 8 weeks of its completion, be submitted

to Sheffield City Council's Environmental Protection Service for written approval.

- 11.2 The Operator shall provide safe storage and conveying systems for both solids and liquids in order to prevent accidental damage.
- 11.3 The Operator shall use safe systems for the processing of materials in order to minimise the risk of fire or explosion.

Section 12 – Raw Materials

- 12.1 Within 3 months from the date of this Permit, the Operator shall prepare an inventory and undertake a review of the principal raw materials used with the main potential for environmental impact. Annually, the Operator shall review alternatives for the principal raw materials used. A copy of the report shall be submitted to Sheffield City Council's Environmental Protection Service within 8 weeks of its completion for approval in writing.
- 12.2 Within 12 months from the date of this Permit the Operator shall prepare quality procedures to control the specification of raw materials in order to minimise any potential environmental impact. The procedures shall thereafter be provided to Sheffield City Council's Environmental Protection Service upon request, and reviewed annually and updated as appropriate.

Section 13 – Water Efficiency

- 13.1 Within 6 months of the issue of this Permit, the Operator shall conduct a water efficiency audit. Using information from the audit, usage benchmarks shall be established. Opportunities for water use reduction shall be assessed and implemented in accordance with a timescale agreed with Sheffield City Council's Environmental Protection Service. The audit required by this condition shall be repeated at least every 4 years.
- 13.2 Within 6 months of the date of the Permit, the volume of mains water used in the activities when the installation is operating, under normal production conditions for a sufficient period shall be calculated to determine the base use of the activity. Thereafter, an annual exercise shall be done to confirm the measurements. All measurements shall be recorded and the records held on site and available for inspection by officers of Sheffield City Council's Environmental Protection Service.

Section 14 – Energy Efficiency

- 14.1 The Operator shall ensure that all plant is operated and maintained to optimise the use and minimise the loss of energy. All plant shall be operated and maintained in accordance with the manufacturer's instructions.

- 14.2 The Operator shall produce and submit an annual report on the energy consumption of the installation, by August 31st 2017, and annually thereafter. The report shall be submitted to Sheffield City Council's Environmental Protection Service.

Section 15 – Waste and Waste Minimisation

- 15.1 The Operator shall manage and operate the waste handling activities;
- a) In accordance with a written waste 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 Operators as a result of complaints; and
 - b) Using sufficient competent persons and resources.
- 15.2 All waste storage areas shall be clearly marked and signed including containers, which should be clearly labelled. Containers shall be durable for the substances stored. Incompatible wastes shall be segregated and stored separately.
- 15.3 The Operator shall keep detailed records of the quantity, nature (including hazardous properties – hazard and risk phrases), origin, handling precautions, the destination, frequency of collection, mode of transport and treatment method of any waste which is disposed of or recovered. Records shall be kept on site for a minimum of 4 years and made available for inspection by an authorised officer of Sheffield City Council's Environmental Protection Service on request.

Section 16 – Noise and Vibration

- 16.1 Unless already meeting BAT requirements, the Operator shall demonstrate that sound power levels for substantially changed plant or equipment shall be lower than for existing when operating under normal parameters. The procedure listed in condition 16.3 shall be used. If it is not possible to demonstrate this then suitable attenuation shall be agreed in writing with Sheffield City Council's Environmental Protection Service.
- 16.2 No new plant or equipment shall be permitted within the installation except where:
- (a) The plant or equipment can be demonstrated to have a minimal environmental impact. For the purpose of this condition 'minimal' shall be taken to mean that the plant or equipment, if monitored under the requirements of BS4142:2014, is unlikely to attract complaints.
- OR
- (b) If the above plant/equipment does not satisfy the BAT criteria as described in 16.3(i) above, then attenuation measures shall be taken by the Operator, in agreement with Sheffield City Council's Environmental Protection Service, in order to satisfy 16.3(i).

- 16.3 In the event of Sheffield City Council's Environmental Protection Service receiving a complaint of noise associated with any element or activity within the installation boundary, the Operator shall:
- (a) Investigate the source of the complaint;
 - (b) Carry out such monitoring, surveys or modelling of the source of the complaint to demonstrate, to the satisfaction of Sheffield City Council's Environmental Protection Service, either that the complaint is unfounded, or that the complaint is justified.
- 16.4 Where a noise complaint is found to be justified, the Operator shall arrange to carry out such works or change procedures or processes in such a way, that a re-assessment carried out in accordance with condition 16.4 above comes to the conclusion that remedial measures are successful and the noise is no longer the cause of justified complaint.
- 16.5 In the case of the Operator receiving a complaint directly, the company shall notify Sheffield City Council's Environmental Protection Service by 17:00 hours the next working day, providing full details of the complaint and indicating the actions to be taken to investigate and resolve the complaint.

Section 17 – Decommissioning

- 17.1 Prior to site operations ceasing, the Operator shall devise a scheme of works for decommissioning the site and submit to Sheffield City Council's Environmental Protection Service for written approval. The site shall not be decommissioned until the scheme has received written approval.
- 17.2 Prior to cessation of permitted activities, the Operator shall submit a method statement for intrusive sampling of the site to Sheffield City Council's Environmental Protection Service. Once agreed, the Operator shall carry out the intrusive sampling and forward the results within 8 weeks of the sampling to Sheffield City Council's Environmental Protection Service. The Operator shall then undertake remediation of the land to an agreed level, within timescales agreed in writing by Sheffield City Council's Environmental Protection Service, in order to remove contamination that may be attributable to Permitted activities.

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.

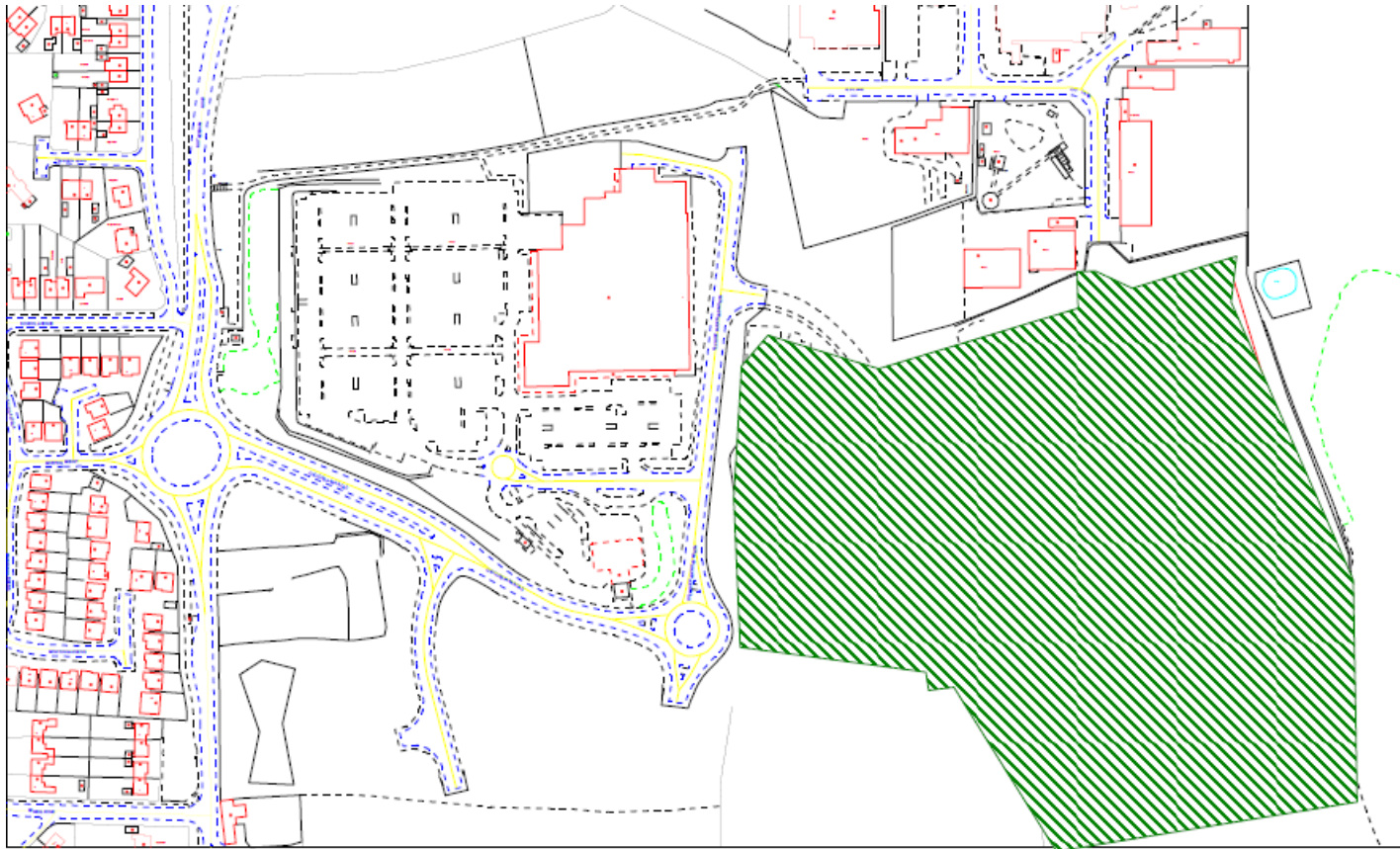
An annual subsistence fee as prescribed by the Secretary of State for the Environment shall be payable, for this Permit, by the process Operator, to this Authority within 2 weeks of the 1st April of each year.

In the event that the Permit has been issued after the 1st 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 Sheffield City Council's Environmental Protection Service then Permit revocation procedures shall be initiated in accordance with Section 22 of the Environmental Permitting (England & Wales) Regulations 2010 or any statutory re-enactment of the same.

The requirements of this Permit are not to be taken as planning permission. Where any structural alterations are necessary to ensure compliance with this Permit then the normal planning channels should be followed.

Appendix 1 – Location Plan



Green hatched area = Site of Arnold Laver

Appendix 2 – Aerial Photograph Of Site

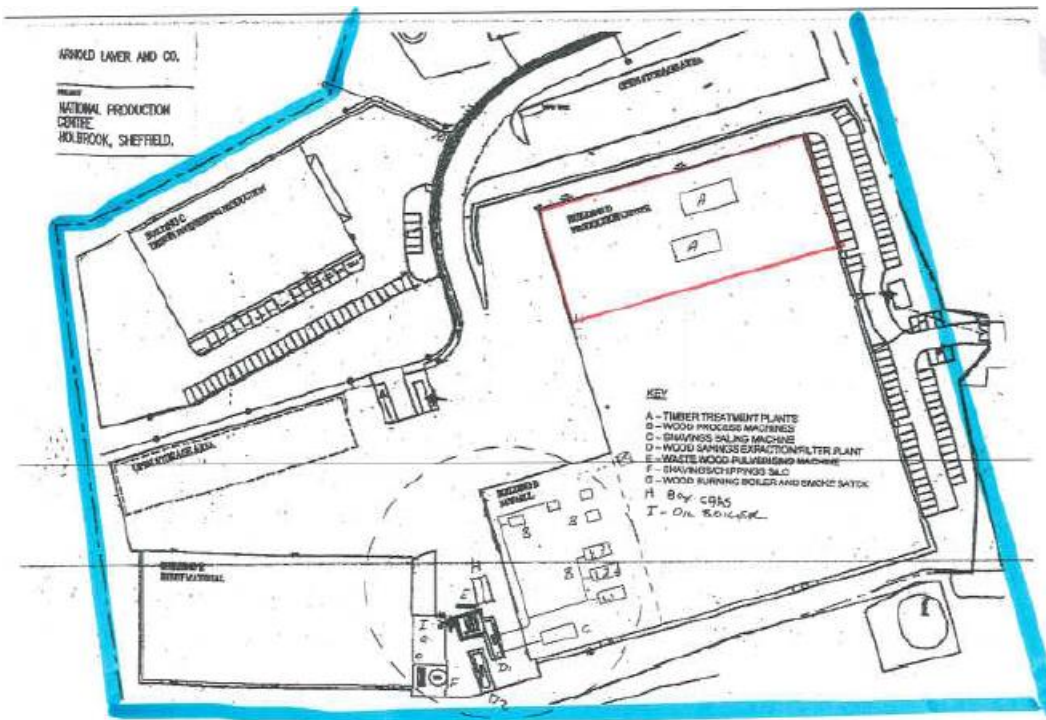
Blue line:- Site boundary
Red line:- Treatment Plant



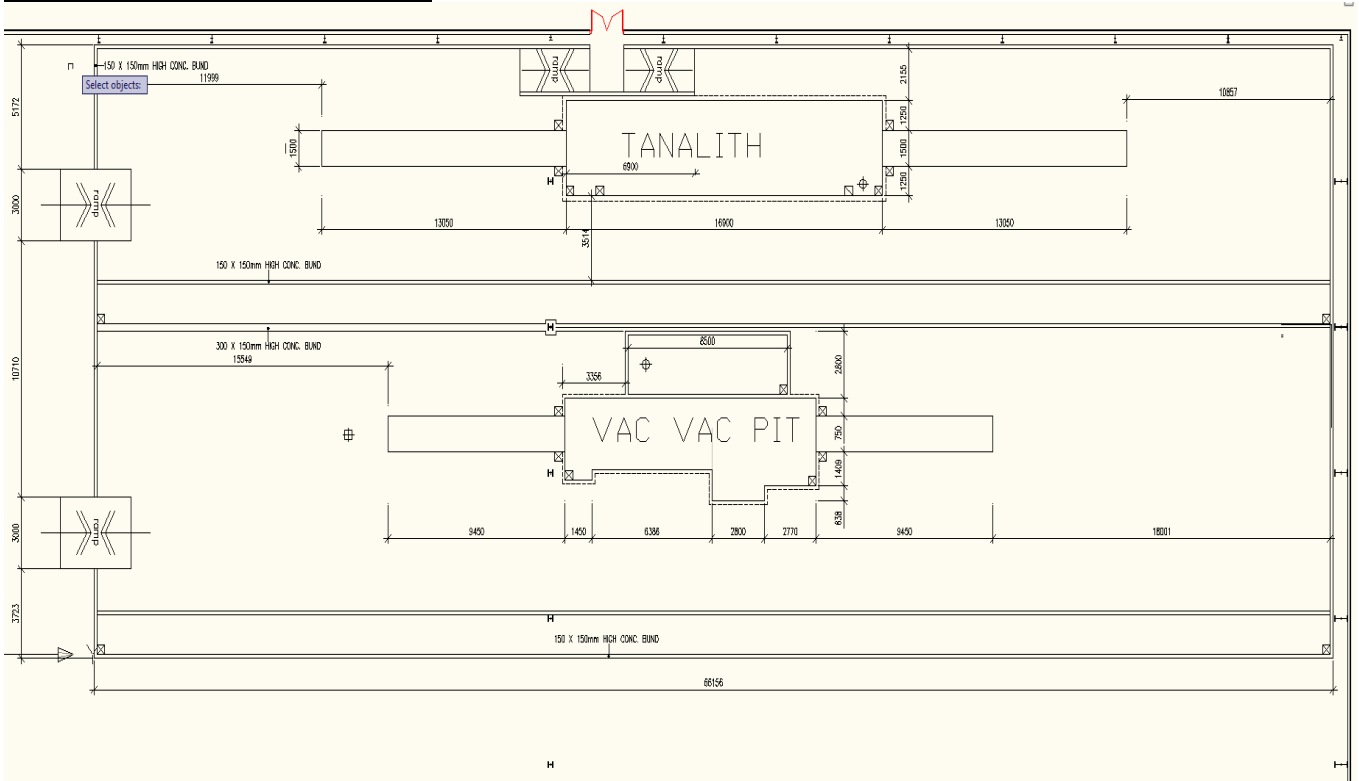
Appendix 3 - Site Layout Showing Installation Location

Blue line:- Site boundary

Red line:- Installation (Treatment Plant) boundary



Appendix 4 Installation Layout



Appendix 6

Confirmed List I and List II substances

Substance	Determination (under new Groundwater Directive 2006/118/EC)	Determination under old Groundwater Directive (80/68/EEC)	Family (under 80/68/EEC)	CAS Registry No.
(1,2,3,4-tetrachlorobenzene)	Hazardous substance	List I	Organohalogen (isomer tetrachlorobenzene)	000634-66-2
(1,2,3,5-tetrachlorobenzene)	Hazardous substance	List I	Organohalogen (isomer tetrachlorobenzene)	000634-90-2
(1,2,4,5-tetrachlorobenzene)	Hazardous substance	List I	Organohalogen (isomer tetrachlorobenzene)	000095-94-3
(1,2-dichloro-3-nitrobenzene)	Hazardous substance	List I	Organohalogen (isomer dichloronitrobenzene)	003209-22-1
(1,4-dichloro-2-nitrobenzene)	Hazardous substance	List I	Organohalogen (isomer dichloronitrobenzene)	000089-61-2
(2,4,5-trichlorophenol)	Hazardous substance	List I	Organohalogen (isomer trichlorophenol)	000095-95-4
(2,4,5-trichlorophenoxy)acetic acid	Hazardous substance	List I	Organohalogen	000093-76-5
(2,4,5-trichlorophenoxy)propionic acid	Hazardous substance	List I	Organohalogen	000093-72-1
(2,4,6-trichlorophenol)	Hazardous substance	List I	Organohalogen (isomer trichlorophenol)	000088-06-2
(2-naphthylloxy)acetic acid	Non hazardous pollutant	List II	Biocide	000120-23-0
(3,4-dichloronitrobenzene)	Hazardous substance	List I	Organohalogen (isomer dichloronitrobenzene)	000099-54-7
(Alkylaryl) trimethylammonium chloride	Non hazardous pollutant	List II	Biocide	
1,1,1-trichloroethane	Hazardous substance	List I	Organohalogen	000071-55-6
1,1,2,2-tetrachloroethane	Hazardous substance	List I	Organohalogen	000630-20-6
1,1,2-trichloroethane	Hazardous substance	List I	Organohalogen	000079-00-5
1,1,2-trichlorotrifluoroethane	Hazardous substance	List I	Organohalogen	000076-13-1
1,1-dichloroethane	Hazardous substance	List I	Organohalogen	000075-34-3
1,1-dichloroethene	Hazardous substance	List I	Organohalogen	000075-35-4
1,2,4-trichlorobenzene	Hazardous substance	List I	Organohalogen	000120-82-1
1,2,4-trimethylbenzene	Hazardous substance	List I	Hydrocarbon	000095-63-6
1,2-dibromoethane	Hazardous substance	List I	Organohalogen	000106-93-4

1,2-dichlorobenzene	Hazardous substance	List I	Organohalogen	000095-50-1
1,2-dichloroethane	Hazardous substance	List I	Organohalogen	000107-06-2
1,2-dichloroethene	Hazardous substance	List I	Organohalogen	000156-59-2
1,2-dichloropropane	Hazardous substance	List I	Organohalogen	000078-87-5
1,3-dichloro-2-propanol	Hazardous substance	List I	Organohalogen	000096-23-1
1,3-dichlorobenzene	Hazardous substance	List I	Organohalogen	000541-73-1
1,3-dichloropropene	Hazardous substance	List I	Organohalogen	010061-01-5
1,4-dichlorobenzene	Hazardous substance	List I	Organohalogen	000106-46-7
1,6-dichlorohexane	Hazardous substance	List I	Organohalogen	002163-00-0
1-bromopropane	Hazardous substance	List I	Organohalogen	000106-94-5
1-chlorohexane	Hazardous substance	List I	Organohalogen	000544-10-5
1-fluoro-4-isocyanatobenzene	Hazardous substance	List I	Organohalogen	001195-45-5
1-naphthylacetic acid	Non hazardous pollutant	List II	Biocide	000086-87-3
2,2-dichloropropanoic acid	Hazardous substance	List I	Organohalogen	000075-99-0
2,3-dichlorophenol	Hazardous substance	List I	Organohalogen	000576-24-9
2,3-dichloropropene	Hazardous substance	List I	Organohalogen	000078-88-6
2,4,6-trichloro-1,3,5-triazine	Hazardous substance	List I	Organohalogen	000108-77-0
2,4-dichlorophenol	Hazardous substance	List I	Organohalogen	000120-83-2
2,4-dichlorophenoxy-4-aniline	Hazardous substance	List I	Organohalogen	14861-17-7
2,4-dichlorophenoxybutyric acid	Hazardous substance	List I	Organohalogen	000094-82-6
2,6-dichlorophenol	Hazardous substance	List I	Organohalogen	000087-65-0
2-amino-4-chlorophenol	Hazardous substance	List I	Organohalogen	000095-85-2
2-benzyl-4-chlorophenol	Hazardous substance	List I	Organohalogen	000120-32-1
2-chloro-1,3-butadiene	Hazardous substance	List I	Organohalogen	000126-99-8
2-chloroaniline	Hazardous substance	List I	Organohalogen	000095-51-2
2-chloroanthraquinone	Hazardous substance	List I	Organohalogen	000082-44-0
2-chloroethanol	Hazardous substance	List I	Organohalogen	000107-07-3
2-chlorophenol	Hazardous substance	List I	Organohalogen	000095-57-8
2-chlorotoluene	Hazardous substance	List I	Organohalogen	000095-49-8
3-chloroaniline	Hazardous substance	List I	Organohalogen	000108-42-9
3-chlorophenol	Hazardous substance	List I	Organohalogen	000108-43-0
3-chloropropene	Hazardous substance	List I	Organohalogen	000107-05-1
3-Iodo-2-propynyl n-butyl carbamate (IPBC)	Hazardous substance	List I	Organohalogen	055406-53-6
4-(4-chloro-2-methylphenoxy) butyric acid	Hazardous substance	List I	Organohalogen	000094-81-5

4-chloro-2-methylphenol	Hazardous substance	List I	Organohalogen	001570-64-5
4-chloro-2-nitroaniline	Hazardous substance	List I	Organohalogen	000089-63-4
4-chloro-3-methylphenol	Hazardous substance	List I	Organohalogen	000059-50-7
4-chloroaniline	Hazardous substance	List I	Organohalogen	000106-47-8
4-chlorophenol	Hazardous substance	List I	Organohalogen	000106-48-9
4-chlorotoluene	Hazardous substance	List I	Organohalogen	000106-43-4
4-indol-3-butyric acid	Non hazardous pollutant	List II	Biocide	000133-32-4
5-chloro-2-methyl-4-isothiazolin-3-one	Hazardous substance	List I	Organohalogen	026172-55-4
Acenaphthene	Hazardous substance	List I	Hydrocarbon	000083-32-9
Alachlor	Hazardous substance	List I	Organohalogen	015972-60-8
Aldicarb	Non hazardous pollutant	List II	Biocide	000116-06-3
Aldrin	Hazardous substance	List I	Organohalogen	000309-00-2
				085422-92-0; 063449-39-8
Alkanes, C=>18, chloro	Hazardous substance	List I	Organohalogen	085535-84-8
Alkanes, C10-13, chloro	Hazardous substance	List I	Organohalogen	085535-85-9
Alkanes, C14-17, chloro	Hazardous substance	List I	Organohalogen	
Alkyl benzalkonium chloride	Non hazardous pollutant	List II	Biocide	
Alloxydim-sodium	Non hazardous pollutant	List II	Biocide	055635-13-7
Alpha,alpha-Dichlorotoluene	Hazardous substance	List I	Organohalogen	000098-87-3
Alpha-chlorotoluene	Hazardous substance	List I	Organohalogen	000100-44-7
Alpha-cypermethrin	Hazardous substance	List I	Organohalogen	067375-30-8
Alpha-endosulfan	Hazardous substance	List I	Organohalogen	000959-98-8
Alpha-trifluoro-2-nitrotoluene	Hazardous substance	List I	Organohalogen	384-22-5
Alpha-trifluoro-3-nitro-4-chloro-toluene	Hazardous substance	List I	Organohalogen	
Alpha-trifluoro-3-nitrotoluene	Hazardous substance	List I	Organohalogen	98-46-4
Alpha-trifluoro-4-nitrotoluene	Hazardous substance	List I	Organohalogen	402-54-0
Aluminium ammonium sulphate	Non hazardous pollutant	List II	Biocide/metal	007784-26-1
Aluminium sulphate	Non hazardous pollutant	List II	Biocide/metal	010043-01-3
Amidosulfuron	Non hazardous pollutant	List II	Biocide	120923-37-7
Amitraz	Non hazardous pollutant	List II	Biocide	033089-61-1
Amitrole	Hazardous substance	List I	CMT	000061-82-5
Ammonia	Non hazardous pollutant	List II	Ammonia & nitrites	007664-41-7
Ammonium carbonate	Non hazardous pollutant	List II	Biocide	000506-87-6
Anilazine	Hazardous substance	List I	Organohalogen	000101-05-3
Anthracene	Hazardous substance	List I	Hydrocarbon	000120-12-7

Anthraquinone	Non hazardous pollutant	List II	Biocide	000084-65-1
Asulam	Non hazardous pollutant	List II	Biocide	003337-71-7
Atrazine	Hazardous substance	List I	Organohalogen	001912-24-9
Azinphos ethyl	Hazardous substance	List I	Organophosphorus	002642-71-9
Azinphos methyl	Hazardous substance	List I	Organophosphorus	000086-50-0
Aziprotryne	Non hazardous pollutant	List II	Biocide	004658-28-0
Bacillus thuringiensis	Non hazardous pollutant	List II	Biocide	068038-71-1
Benalaxyl	Non hazardous pollutant	List II	Biocide	071626-11-4
Benazolin	Hazardous substance	List I	Organohalogen	003813-05-6
Bendiocarb	Non hazardous pollutant	List II	Biocide	022781-23-3
Benfuracarb	Non hazardous pollutant	List II	Biocide	082560-54-1
Benodanil	Hazardous substance	List I	Organohalogen	015310-01-7
Benomyl	Hazardous substance	List I	CMT	017804-35-2
Bentazone	Non hazardous pollutant	List II	Biocide	025057-89-0
Benzene	Hazardous substance	List I	Hydrocarbon	000071-43-2
Benzo(a)pyrene	Hazardous substance	List I	CMT/Hydrocarbon	000050-32-8
Benzo(b)fluoranthene	Hazardous substance	List I	CMT	000205-99-2
Benzo(g,h,i)perylene	Hazardous substance	List I	Hydrocarbon	000191-24-2
Benzo(k)fluoranthene	Hazardous substance	List I	CMT	000207-08-9
Bifenox	Hazardous substance	List I	Organohalogen	042576-02-3
Bifenthrin	Hazardous substance	List I	Organohalogen	082657-04-3
Bis(2-chloroisopropyl)ether	Hazardous substance	List I	Organohalogen	000108-60-1
Bitteranol	Non hazardous pollutant	List II	Biocide	055179-31-2
Bitumen	Hazardous substance	List I	Hydrocarbon	NA - mixture
Bordeaux mixture (copper mixture)	Non hazardous pollutant	List II	Biocide	NA - group substances
Bromacil	Hazardous substance	List I	Organohalogen	000314-40-9
Brominated diphenylether	Hazardous substance	List I	Organohalogen	NA - group substances
Bromoxynil (as Bromoxynil-phenol)	Hazardous substance	List I	Organohalogen	001689-84-5
Bromoxynil octanoate	Hazardous substance	List I	Organohalogen	001689-99-2
Bupirimate	Non hazardous pollutant	List II	Biocide	041483-43-6
Cadmium	Hazardous substance	List I	Cadmium & its compounds	007440-43-9
Captan	Hazardous substance	List I	Organohalogen	000133-06-2
Carbaryl	Non hazardous pollutant	List II	Biocide	000063-25-2
Carbendazim	Hazardous substance	List I	CMT	010605-21-7
Carbetamide	Non hazardous pollutant	List II	Biocide	016118-49-3

Carbofuran	Non hazardous pollutant	List II	Biocide	001563-66-2
Carbon disulphide	Non hazardous pollutant	List II	Taste and odour	000075-15-0
Carbon tetrachloride	Hazardous substance	List I	Organohalogen	000056-23-5
Carbosulfan	Non hazardous pollutant	List II	Biocide	055285-14-8
Carboxin	Non hazardous pollutant	List II	Biocide	005234-68-4
Catrimide	Non hazardous pollutant	List II	Biocide	000057-09-0
Chlorbutam	Hazardous substance	List I	Organohalogen	001967-16-4
Chlordane	Hazardous substance	List I	Organohalogen	005103-74-2
Chlorfenvinphos	Hazardous substance	List I	Organophosphorus	000470-90-6
Chloridazon	Hazardous substance	List I	Organohalogen	001698-60-8
Chlorine	Non hazardous pollutant	List II	Biocide	007782-50-5
Chloro-2,4-dinitrobenzene	Hazardous substance	List I	Organohalogen	000097-00-7
Chloro-2-nitrobenzene	Hazardous substance	List I	Organohalogen	000088-73-3
Chloro-3-nitrobenzene	Hazardous substance	List I	Organohalogen	000121-73-3
Chloro-4-nitrobenzene	Hazardous substance	List I	Organohalogen	000100-00-5
Chloroacetic acid	Hazardous substance	List I	Organohalogen	000079-11-8
Chloroaminotoluene	Hazardous substance	List I	Organohalogen	NA - group substances
Chlorobenzene	Hazardous substance	List I	Organohalogen	000108-90-7
Chloroethylene	Hazardous substance	List I	Organohalogen	000075-01-4
Chloroform	Hazardous substance	List I	Organohalogen	000067-66-3
Chloronaphthalene	Hazardous substance	List I	Organohalogen	000090-13-1
Chloronitrotoluene	Hazardous substance	List I	Organohalogen	000121-86-8
Chloropicrin	Hazardous substance	List I	Organohalogen	000076-06-2
Chlorothalonil	Hazardous substance	List I	Organohalogen	001897-45-6
Chlorotoluron	Hazardous substance	List I	Organohalogen	015545-48-9
Chloroxuron	Hazardous substance	List I	Organohalogen	001982-47-4
Chlorpropham	Hazardous substance	List I	Organohalogen	000101-21-3
Chlorpyrifos	Hazardous substance	List I	Organohalogen	002921-88-2
Chlorthal-dimethyl	Hazardous substance	List I	Organohalogen	001861-32-1
Clofentazine	Hazardous substance	List I	Organohalogen	074115-24-5
Clopyralid	Hazardous substance	List I	Organohalogen	001702-17-6
Copper hydroxide	Non hazardous pollutant	List II	Biocide/metal	020427-59-2
				001332-40-7 and
Copper oxychloride	Non hazardous pollutant	List II	Biocide/metal	001332-65-6
Copper sulphate	Non hazardous pollutant	List II	Biocide/metal	007758-98-7

Coumaphos	Hazardous substance	List I	Organophosphorus	000056-72-4
Cresyldiphenyl-phosphate	Hazardous substance	List I	Organophosphorus	026444-49-5
Cresylic acid	Non hazardous pollutant	List II	Biocide	000095-48-7
Cyfraneb	Non hazardous pollutant	List II	Biocide/metal	11096-18-7
Cupric ammonium carbonate	Non hazardous pollutant	List II	Biocide/metal	033113-08-5
Cyanazine	Hazardous substance	List I	Organohalogen	021725-46-2
Cycloxydim	Non hazardous pollutant	List II	Biocide	101205-02-1
Cymoxanil	Non hazardous pollutant	List II	Biocide	057966-95-7
Cypermethrin	Hazardous substance	List I	Organohalogen	052315-07-8
Cyproconazole	Hazardous substance	List I	Organohalogen	094361-06-5
Daminozide	Non hazardous pollutant	List II	Biocide	001596-84-5
Dazomet	Non hazardous pollutant	List II	Biocide	000533-74-4
DDT	Hazardous substance	List I	Organohalogen	000050-29-3
Deltamethrin	Hazardous substance	List I	Organohalogen	052918-63-5
Demeton	Hazardous substance	List I	Organophosphorus	008000-97-3
Demeton-S-methyl sulphone	Hazardous substance	List I	Organophosphorus	017040-19-6
Desmedipham	Non hazardous pollutant	List II	Biocide	013684-56-5
Desmetryn	Non hazardous pollutant	List II	Biocide	001014-69-3
Diazinon	Hazardous substance	List I	Organophosphorus	000333-41-5
Dibutyl bis(oxy)lauroyl)tin	Hazardous substance	List I	Organotin	77-58-7
Dibutyltin oxide	Hazardous substance	List I	Organotin	000818-08-6
Dibutyltin salts	Hazardous substance	List I	Organotin	NA - group substances
Dichlobenil	Hazardous substance	List I	Organohalogen	001194-65-6
Dichlofluanid	Hazardous substance	List I	Organohalogen	001085-98-9
Dichloroaniline	Hazardous substance	List I	Organohalogen	000095-76-1
Dichlorobenzidine	Hazardous substance	List I	Organohalogen	000091-94-1
Dichloromethane	Hazardous substance	List I	Organohalogen	000075-09-2
Dichloronitrobenzene (all isomers)	Hazardous substance	List I	Organohalogen	NA - group substances
Dichlorophen	Hazardous substance	List I	Organohalogen	000097-23-4
Dichloroprop	Hazardous substance	List I	Organohalogen	000120-36-5
Dichlorvos	Hazardous substance	List I	Organophosphorus	000062-73-7
Diclobutrazol	Hazardous substance	List I	Organohalogen	075736-33-3
Diclofop-methyl	Hazardous substance	List I	Organohalogen	051338-27-3
Dicloran	Hazardous substance	List I	Organohalogen	000099-30-9
Dicofof	Hazardous substance	List I	Organohalogen	000115-32-2

Dieldrin	Hazardous substance	List I	Organohalogen	000060-57-1
Dienochlor	Hazardous substance	List I	Organohalogen	002227-17-0
Difenoconazole	Hazardous substance	List I	Organohalogen	119446-68-3
Difenoquat	Non hazardous pollutant	List II	Biocide	049866-87-7
Diflubenzuron	Hazardous substance	List I	Organohalogen	035367-38-5
Diflufenican	Hazardous substance	List I	Organohalogen	083164-33-4
Dikegulac	Non hazardous pollutant	List II	Biocide	018467-77-1
Dimethoate	Hazardous substance	List I	Organophosphorus	000060-51-5
Dimethomorph	Hazardous substance	List I	Organohalogen	110488-70-5
Dimocap	Non hazardous pollutant	List II	Biocide	039300-45-3
Dioxins	Hazardous substance	List I	Organohalogen	NA - group substances
Diphenamid	Non hazardous pollutant	List II	Biocide	000957-51-7
Diphenyl amine	Non hazardous pollutant	List II	Biocide	000122-39-4
Diphenyl chloroarsine	Hazardous substance	List I	Organohalogen	000712-48-1
Diquat	Non hazardous pollutant	List II	Biocide	002764-72-9
Disulfoton	Hazardous substance	List I	Organophosphorus	000298-04-4
Dithianon	Non hazardous pollutant	List II	Biocide	003347-22-6
Diuron	Hazardous substance	List I	Organohalogen	000330-54-1
Dodecyl benzene	Hazardous substance	List I	Hydrocarbon	000123-01-3
Dodemorph	Non hazardous pollutant	List II	Biocide	001593-77-7
Dodine	Non hazardous pollutant	List II	Biocide	002439-10-3
Draxoxolon	Hazardous substance	List I	Organohalogen	051450-97-6
Endosulfan	Hazardous substance	List I	Organohalogen	000115-29-7
Endrin	Hazardous substance	List I	Organohalogen	000072-20-8
Epichlorohydrin	Hazardous substance	List I	Organohalogen	000106-89-8
				135319-73-2 or 133855-
Epoxiconazole	Hazardous substance	List I	Organohalogen	98-8 (was 106325-08-0)
Esfenvalerate	Hazardous substance	List I	Organohalogen	066230-04-4
Ethirimol	Non hazardous pollutant	List II	Biocide	023947-60-6
Ethofumesate	Non hazardous pollutant	List II	Biocide	026225-79-6
Ethoprophos	Hazardous substance	List I	Organophosphorus	013194-48-4
Ethyl dichloroarsine	Hazardous substance	List I	Organohalogen	000598-14-1
Ethylbenzene	Hazardous substance	List I	Hydrocarbon	000100-41-4
Etridiazole	Hazardous substance	List I	Organohalogen	002593-15-9
Fenarimol	Hazardous substance	List I	Organohalogen	060168-88-9

Fenbutatin oxide	Hazardous substance	List I	Organotin	013356-08-6
Fenchlorphos	Hazardous substance	List I	Organophosphorous	000299-84-3
Fenitrothion	Hazardous substance	List I	Organophosphorus	000122-14-5
Fenoxaprop-ethyl	Hazardous substance	List I	Organohalogen	082110-72-3
Fenoxaprop-P-ethyl	Hazardous substance	List I	Organohalogen	071283-80-2
Fenpiclonil	Hazardous substance	List I	Organohalogen	074738-17-3
Fenpropathrin	Non hazardous pollutant	List II	Biocide	039515-41-8
Fenpropidin	Non hazardous pollutant	List II	Biocide	067306-00-7
Fenpropimorph	Non hazardous pollutant	List II	Biocide	067306-03-0
Fenthion	Hazardous substance	List I	Organophosphorus	000055-38-9
Fentin acetate	Hazardous substance	List I	Organotin	000900-95-8
Fenuron	Non hazardous pollutant	List II	Biocide	000101-42-8
Fenvalerate	Hazardous substance	List I	Organohalogen	051630-58-1
Ferbam	Non hazardous pollutant	List II	Biocide/metal	014484-64-1
Flamprop-M-isopropyl	Hazardous substance	List I	Organohalogen	052756-22-6
Fluazinam	Hazardous substance	List I	Organohalogen	079622-59-6
Flucythrinate	Hazardous substance	List I	Organohalogen	070124-77-5
Flumethrin	Hazardous substance	List I	Organohalogen	069770-45-2
Fluoranthene	Hazardous substance	List I	Hydrocarbon	000206-44-0
Fluroglycofen-ethyl	Hazardous substance	List I	Organohalogen	077501-90-7
Fluroxypyr	Hazardous substance	List I	Organohalogen	069377-81-7
Flusilazole	Hazardous substance	List I	Organohalogen	085509-19-9
Flutriafol	Hazardous substance	List I	Organohalogen	076674-21-0
Fomepsafen	Hazardous substance	List I	Organohalogen	072178-02-0
Fonofos	Hazardous substance	List I	Organophosphorus	000944-22-9
Formaldehyde	Non hazardous pollutant	List II	Biocide	000050-00-0
Fosetyl-aluminium	Non hazardous pollutant	List II	Biocide	039148-24-8
Fuberidazole	Non hazardous pollutant	List II	Biocide	003878-19-1
Furalaxyl	Non hazardous pollutant	List II	Biocide	057646-30-7
Gibberellic acid	Non hazardous pollutant	List II	Biocide	000077-06-5
Gibberellins	Non hazardous pollutant	List II	Biocide	NA - group substances
Guazatine	Non hazardous pollutant	List II	Biocide	108173-90-6
Heptachlor	Hazardous substance	List I	Organohalogen	000076-44-8
Heptenophos	Hazardous substance	List I	Organophosphorous	034783-40-9
Hexachlorobenzene	Hazardous substance	List I	Organohalogen	000118-74-1

Hexachlorobutadiene (HCBD)	Hazardous substance	List I	Organohalogen	000087-68-3
Hexachlorocyclohexane	Hazardous substance	List I	Organohalogen	000058-89-9
Hexachloroethane	Hazardous substance	List I	Organohalogen	000067-72-1
Hexachloronaphthalene	Hazardous substance	List I	Organohalogen	001335-87-1
				003389-71-7 and
Hexachloronorbomadiene	Hazardous substance	List I	Organohalogen	028680-44-6
Hexaconazole	Hazardous substance	List I	Organohalogen	079983-71-4
Hexazinone	Non hazardous pollutant	List II	Biocide	051235-04-2
Hymexazol	Non hazardous pollutant	List II	Biocide	010004-44-1
Imazalil	Hazardous substance	List I	Organohalogen	035554-44-0
Imazamethabenz-methyl	Non hazardous pollutant	List II	Biocide	081405-85-8
Imazaquin	Non hazardous pollutant	List II	Biocide	081335-37-7
Imidacloprid	Hazardous substance	List I	Organohalogen	138261-41-3
Indeno(1,2,3-cd)pyrene	Hazardous substance	List I	Hydrocarbon	000193-39-5
Iodine	Non hazardous pollutant	List II	Biocide	007553-56-2
Ioxynil	Hazardous substance	List I	Organohalogen	001689-83-4
Iprodione	Hazardous substance	List I	Organohalogen	036734-19-7
Isodrin	Hazardous substance	List I	Organohalogen	000465-73-6
Isoproturon	Non hazardous pollutant	List II	Biocide	034123-59-6
Isoxaben	Non hazardous pollutant	List II	Biocide	082558-50-7
Lambda-cyhalothrin	Hazardous substance	List I	Organohalogen	091465-08-6
Lenacil	Non hazardous pollutant	List II	Biocide	002164-08-1
Linuron	Hazardous substance	List I	Organohalogen	000330-55-2
Malachite Green	Hazardous substance	List I	Mutagen	000569-64-2
Malathion	Hazardous substance	List I	Organophosphorus	000121-75-5
Maleic hydrazide	Non hazardous pollutant	List II	Biocide	000123-33-1
Mancozeb	Non hazardous pollutant	List II	Biocide/metal	008018-01-7
Maneb	Non hazardous pollutant	List II	Biocide	012427-38-2
Mephosfolan	Hazardous substance	List I	Organophosphorus	000950-10-7
Mepiquat	Non hazardous pollutant	List II	Biocide	024307-26-4
Mercuric oxide	Hazardous substance	List I	Mercury compound	021908-53-2
Mercury compounds	Hazardous substance	List I	Mercury & its compounds	NA - group substances
Metalaxyl	Non hazardous pollutant	List II	Biocide	057837-19-1
Metalddehyde	Non hazardous pollutant	List II	Biocide	009002-91-9
Metamitron	Non hazardous pollutant	List II	Biocide	041394-05-2

Metam-sodium	Non hazardous pollutant	List II	Biocide	000137-42-8
Metazachlor	Hazardous substance	List I	Organohalogen	067129-08-2
Methabenzthiazuron	Non hazardous pollutant	List II	Biocide	018691-97-9
Methamidophos	Hazardous substance	List I	Organophosphorus	010265-92-6
Methidathion	Hazardous substance	List I	Organophosphorus	000950-37-8
Methiocarb	Non hazardous pollutant	List II	Biocide	002032-65-7
Methyl tertiary butyl ether (MTBE)	Non hazardous pollutant	List II	Taste & odour	001634-0404
Metoxuron	Hazardous substance	List I	Organohalogen	019937-59-8
Metribuzin	Non hazardous pollutant	List II	Biocide	021087-64-9
Metsulfuron-methyl	Non hazardous pollutant	List II	Biocide	074223-64-6
Mevinphos	Hazardous substance	List I	Organophosphorus	007786-34-7
Mineral oil	Hazardous substance	List I	Hydrocarbon	008012-95-1
Monolinuron	Hazardous substance	List I	Organohalogen	001746-81-2
Myclobutanil	Hazardous substance	List I	Organohalogen	088671-89-0
n-(4-bromophenyl)methyl-1,2-ethanediamine	Hazardous substance	List I	Organohalogen	033855-47-9
Nabam	Non hazardous pollutant	List II	Biocide	000142-59-6
Naphthalene	Hazardous substance	List I	Hydrocarbon	000091-20-3
Napropamide	Non hazardous pollutant	List II	Biocide	015299-99-7
Nicotine	Non hazardous pollutant	List II	Biocide	000054-11-5
Nitrothal-isopropyl	Non hazardous pollutant	List II	Biocide	010552-74-6
Nuarimol	Hazardous substance	List I	Organohalogen	063284-71-9
Octadecapentabromodiphenyl ether	Hazardous substance	List I	Organohalogen	NA - group substances
Octhilinone	Non hazardous pollutant	List II	Biocide	026530-20-1
Oflurace	Hazardous substance	List I	Organohalogen	058810-48-3
Omethoate	Hazardous substance	List I	Organophosphorus	001113-02-6
Oryzalin	Non hazardous pollutant	List II	Biocide	019044-88-3
Oxadiazon	Hazardous substance	List I	Organohalogen	019666-30-9
Oxadixyl	Non hazardous pollutant	List II	Biocide	077732-09-3
Oxamyl	Non hazardous pollutant	List II	Biocide	023135-22-0
Oxine-copper	Non hazardous pollutant	List II	Metal/biocide	010380-28-6
Oxycarboxin	Non hazardous pollutant	List II	Biocide	005259-88-1
Oxydemeton-methyl	Hazardous substance	List I	Organophosphorus	000301-12-2
Pacllobutrazol	Hazardous substance	List I	Organohalogen	076738-62-0
Paraquat	Non hazardous pollutant	List II	Biocide	004685-14-7

Parathion	Hazardous substance	List I	Organophosphorus	000056-38-2
Parathion-methyl	Hazardous substance	List I	Organophosphorus	000298-00-0
PCBs	Hazardous substance	List I	Organohalogen	1336-36-3 (category)
Penconazole	Hazardous substance	List I	Organohalogen	066246-88-6
Pendimethalin	Non hazardous pollutant	List II	Biocide	040487-42-1
Pentachlorobenzene	Hazardous substance	List I	Organohalogen	000608-93-5
Pentachloroethane	Hazardous substance	List I	Organohalogen	000076-01-7
Pentachlorophenol (PCP)	Hazardous substance	List I	Organohalogen	000087-86-5
Pentachlor	Hazardous substance	List I	Organohalogen	002307-68-8
Peraoctic acid	Non hazardous pollutant	List II	Biocide	000079-21-0
Permethrin	Hazardous substance	List I	Organohalogen	052645-53-1
Petroleum oil	Hazardous substance	List I	Hydrocarbon	008002-05-9
Phenmedipham	Non hazardous pollutant	List II	Biocide	013684-63-4
Phenol	Non hazardous pollutant	List II	Taste and odour	000108-95-2
Phenylmercury acetate	Hazardous substance	List I	Mercury compound	000062-38-4
Phorate	Hazardous substance	List I	Organophosphorus	000298-02-2
Phosalone	Hazardous substance	List I	Organophosphorus	002310-17-0
Phosphoric acid	Non hazardous pollutant	List II	Inorganic phosphorus compound	007664-38-2
Pirimicarb	Non hazardous pollutant	List II	Biocide	023103-98-2
Pirimiphos-methyl	Hazardous substance	List I	Organophosphorus	029232-93-7
Prochloraz	Hazardous substance	List I	Organohalogen	067747-09-5
Prometryn	Non hazardous pollutant	List II	Biocide	007287-19-6
Propachlor	Hazardous substance	List I	Organohalogen	001918-16-7
Propamocarb hydrochloride	Non hazardous pollutant	List II	Biocide	025606-41-1
Propanil	Hazardous substance	List I	Organohalogen	000709-98-8
Propaquizafop	Hazardous substance	List I	Organohalogen	111479-05-1
Propetamphos	Hazardous substance	List I	Organophosphorous	031218-83-4
Propham	Non hazardous pollutant	List II	Biocide	000122-42-9
Propiconazole	Hazardous substance	List I	Organohalogen	060207-90-1
Propoxur	Non hazardous pollutant	List II	Biocide	000114-26-1
Propyzamide	Hazardous substance	List I	Organohalogen	023950-58-5
Prosulfuron	Hazardous substance	List I	Organohalogen	094125-34-5
Pyrazophos	Hazardous substance	List I	Organophosphorus	013457-18-6
Pyrethrins	Non hazardous pollutant	List II	Biocide	008003-34-7
Pyridate	Hazardous substance	List I	Organohalogen	055512-33-9

Pyriproxyfen	Hazardous substance	List I	Organohalogen	088283-41-4
Quinalphos	Hazardous substance	List I	Organophosphorus	013593-03-8
Quinomethionate	Non hazardous pollutant	List II	Biocide	002439-01-2
Quintozene	Hazardous substance	List I	Organohalogen	000082-68-8
Quisqualop-ethyl	Hazardous substance	List I	Organohalogen	076578-14-8
Resmethrin	Non hazardous pollutant	List II	Biocide	010453-86-8
Rotenone	Non hazardous pollutant	List II	Biocide	000083-79-4
Sethoxydim	Non hazardous pollutant	List II	Biocide	074051-80-2
Simazine	Hazardous substance	List I	Organohalogen	000122-34-9
Sodium chlorate	Non hazardous pollutant	List II	Biocide	007775-09-9
				010022-70-5 or 007681-52-9
Sodium hypochlorite	Non hazardous pollutant	List II	Biocide	003926-62-3
Sodium monochloroacetate	Non hazardous pollutant	List II	Biocide	001330-43-4
Sodium tetraborate	Non hazardous pollutant	List II	Biocide	NA - group substances
Soluble copper compounds	Non hazardous pollutant	List II	Metal	
Styrene	Hazardous substance	List I	Hydrocarbon	000100-42-5
Tar oil	Hazardous substance	List I	Hydrocarbons	008001-58-9
Tebuconazole	Hazardous substance	List I	Organohalogen	107534-96-3
Tebutam	Non hazardous pollutant	List II	Biocide	035256-85-0
Teflubenzuron	Hazardous substance	List I	Organohalogen	083121-18-0
Tefluthrin	Hazardous substance	List I	Organohalogen	079538-32-2
Terbacil	Hazardous substance	List I	Organohalogen	005902-51-2
Terbutylazine	Hazardous substance	List I	Organohalogen	005915-41-3
Terbutryn	Non hazardous pollutant	List II	Biocide	000886-50-0
Tetrabromoethane	Hazardous substance	List I	Organohalogen	000079-27-6
Tetrabutyltin	Hazardous substance	List I	Organotin	001461-25-2
Tetrachlorobenzene (all isomers)	Hazardous substance	List I	Organohalogen	012408-10-5
Tetrachloroethylene	Hazardous substance	List I	Organohalogen	000127-18-4
Tetrachlorvinphos	Hazardous substance	List I	Organophosphorus	022248-79-9
Tetradifon	Hazardous substance	List I	Organohalogen	000116-29-0
Thiabendazole	Non hazardous pollutant	List II	Biocide	000148-79-8
Thifensulfuron-methyl	Non hazardous pollutant	List II	Biocide	079277-27-3
Thiodicarb	Non hazardous pollutant	List II	Biocide	059669-26-0
Thiometon	Hazardous substance	List I	Organophosphorus	000640-15-3
Thiophanate-methyl	Hazardous substance	List I	CMT	023564-05-8

Thiram	Hazardous substance	List I	CMT	000137-26-8
Tolclofos-methyl	Hazardous substance	List I	Organophosphorous	057018-04-9
Toluene	Hazardous substance	List I	Hydrocarbon	000108-88-3
Trialkoxydim	Non hazardous pollutant	List II	Biocide	087820-88-0
Triadimefon	Hazardous substance	List I	Organohalogen	043121-43-3
Triadimenol	Hazardous substance	List I	Organohalogen	055219-65-3
Triallate	Hazardous substance	List I	Organohalogen	002303-17-5
Triasulfuron	Hazardous substance	List I	Organohalogen	082097-50-5
Triazophos	Hazardous substance	List I	Organophosphorus	024017-47-8
Triazoxide	Hazardous substance	List I	Organohalogen	072459-58-6
Tribenuron-methyl	Non hazardous pollutant	List II	Biocide	101200-48-0
Tributyl-phosphate	Hazardous substance	List I	Organophosphorus	000126-73-8
Tributyltin oxide (TBTO)	Hazardous substance	List I	Organotin	000056-35-9
Trichlorfon	Hazardous substance	List I	Organophosphorus	000052-68-6
Trichloroacetic acid	Hazardous substance	List I	Organohalogen	000076-03-9
Trichloroethanal	Hazardous substance	List I	Organohalogen	000075-87-6
Trichloroethane (TCA)	Hazardous substance	List I	Organohalogen	025323-89-1
Trichloroethylene	Hazardous substance	List I	Organohalogen	000079-01-6
Trichlorophenol (all isomers)	Hazardous substance	List I	Organohalogen	025167-82-2
Triclopyr	Hazardous substance	List I	Organohalogen	055335-06-3
Tricresyl-phosphate	Hazardous substance	List I	Organophosphorous	001330-78-5
Trietazine	Hazardous substance	List I	Organohalogen	001912-26-1
Trifluralin	Hazardous substance	List I	Organohalogen	001582-09-8
Triforine	Hazardous substance	List I	Organohalogen	026644-46-2
Trioctyl-phosphate	Hazardous substance	List I	Organophosphorous	025103-12-2 or 000078-42-2
Triphenyl-phosphate	Hazardous substance	List I	Organophosphorus	000115-86-6
Triphenyltin oxide (TPTO)	Hazardous substance	List I	Organotin	000076-87-9
Tris (2,3-bromo-1-propyl) phosphate	Hazardous substance	List I	Organohalogen	000126-72-7
Trixylenyl-phosphate	Hazardous substance	List I	Organophosphorous	025653-16-1
Vamidothion	Hazardous substance	List I	Organophosphorus	002275-23-2
Verticillium lecanii	Non hazardous pollutant	List II	Biocide	067892-35-7
Vinclozolin	Hazardous substance	List I	Organohalogen	050471-44-8
Xylene	Hazardous substance	List I	Hydrocarbon	001330-20-7
Zinc	Non hazardous pollutant	List II	Metal	007440-66-6

Zineb
Zineb-Ethylenethiuram disulphide
Ziram

Non hazardous pollutant
Non hazardous pollutant
Hazardous substance

List II
List II
List I

Biocide
Biocide
CMT

012122-67-7
000137-30-4