



# Permit with introductory note

Pollution Prevention and Control Regulations 2000

LIS (North Western) Ltd  
Unit 20 Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UQ

Permit number EP3835PU

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## Introductory note

### This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No.1973), as amended, ("the PPC Regulations") to operate an installation carrying out activities covered by the description in Section 5.3A(1)(b) and 5.4A (1) (c)vii in Part 1 to Schedule 1 of the PPC Regulations, to the extent authorised by the Permit:

Section 5.3 A(1)(b) the disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.

Section 5.4 A(1)(c) vii Oil refining or other reuses of oil (R9)

Aspects of the operation of the installation which are not regulated by conditions of the Permit are subject to the condition implied by Regulation 12(10) of the PPC Regulations, i.e. the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

In some sections of the Permit conditions require the Operator to use Best Available Techniques (BAT), in each of the aspects of the management of the installation, to prevent and where that is not practicable to reduce emissions. The conditions do not explain what is BAT. In determining BAT, the Operator should pay particular attention to relevant sections of the IPPC Sector guidance, appropriate Horizontal guidance (H1 to H4) and other relevant guidance.

A non-technical description of the installation is given in the Application, but the main features of the installation are as follows.

The site will receive wastes in road tankers consisting primarily of oil/ water mixes and petrol/water mixes with some suspended residue component such as grit or sludge. Tanks 1, 2 and 3 are for oil/water mixes with a flash point exceeding 55 degrees Celsius, tank 4 is for petrol/ water mixes with a flash point at or less than 55 degrees Celsius. Loads that heavily loaded with solids will first be settled in the primary reception tank. Water is separated from the oil or petrol mix by gravity and is transferred to the on site treatment facility consisting of an interceptor and activated carbon scrubber. Where solid residues remain in tanks, they will be dug out and the oil removed. The settled petrol and oil remain waste and will be dispatched to facilities that can lawfully accept wastes. Solid wastes and sludge will be sent off site for treatment.

Note that the Permit requires the submission of certain information to the Agency (see Sections 4 and 5). In addition, the Agency has the power to seek further information at any time under regulation 28 to the PPC Regulations provided that it acts reasonably.

#### Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
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Not applicable

#### Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue
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Not applicable

Other activities may take place on the site of this installation which are not regulated under this Permit or any other PPC Permit referred to in the Table above.

## Public Registers

Considerable information relating to Permits including the Application is available on public registers in accordance with the requirements of the PPC Regulations. Certain information may be withheld from public registers where it is commercially confidential or contrary to national security.

## Variations to the Permit

This Permit may be varied in the future (by the Agency serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, it must submit a formal Application. The Status Log within the Introductory Note to any such Variation Notice will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

## Surrender of the Permit

Before this Permit can be wholly or partially surrendered, an Application to surrender the Permit has to be made by the Operator. For the application to be successful, the Operator must be able to demonstrate to the Agency that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

## Transfer of the Permit or part of the Permit

Before the Permit can be wholly or partially transferred to another person, an Application to transfer the Permit has to be made jointly by the existing and proposed holders. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not comply with the conditions of the transferred Permit. If, however, the Permit authorises the carrying out of a specified waste management activity, the transfer will only be allowed if the proposed holder is also considered to be "a fit and proper person" as required by the PPC Regulations.

## Talking to us

Please quote the Permit Number if you contact the Agency about this Permit.

To give a Notification under Condition 5.1.1, the Operator should use the Incident Hotline telephone number (0800 80 70 60) or any other number notified in writing to the Operator by the Agency for that purpose.

## Status Log

Detail	Date	Comment
Application EA/IPPC/EP3835PU	Received 26 <sup>th</sup> March 2004	Dated and signed 24 <sup>th</sup> March 2004
Application duly made	7 <sup>th</sup> April 2004	
Response to request for information	28 <sup>th</sup> June 2004	Response dated 19 <sup>th</sup> July 2004
Request to extend determination	3 <sup>rd</sup> August 2004	Response dated 9 <sup>th</sup> August 2004 (financial provision only)
Permit determined	14 <sup>th</sup> October 2004	

**End of Introductory Note.**



## Permit

Permit number  
**EP 3835 PU**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations (SI 2000 No 1973), hereby authorises

**L.I.S. (North Western) Limited** ("the Operator"),

Whose Registered Office and principal place of business is  
**Unit 20 Haydock Lane  
Haydock Industrial Estate  
Haydock  
St Helens  
WA11 9UA**

Company registration number 3762932

to operate an Installation at

**Unit 20 Haydock Lane  
Haydock Industrial Estate  
Haydock  
St Helens  
WA11 9UQ**

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

Signed

Date

<i>Catherine Shaw</i>	14th October 2004
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Authorised to sign on behalf of the Agency

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# Conditions

## 1 General

### 1.1 Permitted Activities

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 5.3 A(1)(b)	The disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	Gravity separation and settlement of oil and water without the application of heat.
Section 5.4 A(1)(c)vii	Oil refining or other reuses of oil (R8)	Gravity separation and settlement of petrol and water without the application of heat.
Waste reception storage and transfer	Storage of waste pending disposal or recovery (D15/R13)	Receipt and storage of permitted wastes as defined in permit conditions and the application.
Consolidation of compatible waste	Blending or mixing of waste (D13)	Bulking of compatible wastes for treatment on site
Gravity settlement	Oil refining or other reuses of oil (R8)	Primary settlement of silts from oil and water within primary reception tank and the pumping out of residual wastes.
Digging out of waste residue	-	Digging out of road tankers directly associated with the activity
Road tanker washing and cleaning out	Physio-chemical treatment of waste (D9)	Washing out of road tankers directly associated with the activity
Vapour abatement	Activated carbon scrubbing	As per the application
Water discharge to foul sewer	Separation by gravity Activated Carbon absorption Fine filtration Discharge of treated effluent	Treatment of effluent prior to discharge to foul sewer

- 1.1.2 Where waste on site is subjected to activities that are exempt from control under the Waste Management Licensing Regulations 1994, then the wastes controlled under condition 1.1.1, above, shall be clearly identified and kept separate from such exempt waste activities and a record shall be kept of where such exempt activities are conducted.

## 1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the land shown edged in green on the Site Plan LIS -0001, (approved by-date 15-04-03, sheet 1/1) to this Permit.

## 1.3 Overarching Management Condition

- 1.3.1 Without prejudice to the other conditions of this Permit, the Operator shall implement and maintain a management system, organisational structure and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit.

## 1.4 Improvement Programme

- 1.4.1 The Operator shall complete the improvements specified in Table 1.4.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Agency within 14 days of the completion of each such requirement.

1.4.1: Improvement programme		
Reference	Requirement	Date
1	Submit a procedure for reviewing emissions to foul sewer in the context of BAT (in accordance with requirements otherwise listed in condition 4.1.6 of this permit).	By 14 <sup>th</sup> April 2005
2	Attain and maintain ISO 14001, unless otherwise agreed in writing	By 14 <sup>th</sup> October 2005

- 1.4.2 Where the Operator fails to comply with any requirement by the date specified in Table 1.4.1 the Operator shall send written notification of such failure to the Agency within 14 days of such date.

## 1.5 Minor Operational Changes

- 1.5.1 The Operator shall seek the Agency's written agreement to any minor operational changes under condition 2.1.1 of this Permit by sending to the Agency: written notice of the details of the proposed change including an assessment of its possible effects (including waste production) on risks to the environment from the Permitted Installation; any relevant supporting assessments and drawings; and the proposed implementation date.
- 1.5.2 Any such change shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation in accordance with that change, and relevant provisions in the Application shall be deemed to be amended.

- 1.5.3 When the qualification "unless otherwise agreed in writing" is used elsewhere in this Permit, the Operator shall seek such agreement by sending to the Agency written notice of the details of the proposed method(s) or techniques.
- 1.5.4 Any such method(s) or techniques shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation using that method or technique, and relevant provisions in the Application shall be deemed to be amended.

## 1.6 Pre-Operational Conditions

- 1.6.1 The Permitted Installation shall not be brought into operation until the following measures have been completed and the Agency has been notified in writing of this:
- a. All infrastructure for the discharge of effluent to foul sewer is complete and a report is forwarded to the Agency confirming this.
  - b. No petroleum shall be accepted at the installation until the infrastructure, including loading and unloading has been installed as per the application and supplementary information dated 19<sup>th</sup> July 2004, in response to a schedule 4 notice and a report is forwarded to the Agency confirming this.
  - c. A site laboratory is established for the purpose of carrying out the necessary tests and a place is established for the suitable and safe keeping of samples for up to 1 month.

## 1.7 Off-site Conditions

- 1.7.1 There are no off-site conditions



## 2 Operating conditions

### 2.1 In-Process Controls

- 2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency in accordance with conditions 1.5.1 and 1.5.2 of this Permit.

Table 2.1.1: Operating techniques

Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2	26 <sup>th</sup> March 2004
Response to schedule 4 notice	given in the response letter dated 19 <sup>th</sup> July 2004 of the application	19 <sup>th</sup> July 2004

### 2.2 Emissions

#### 2.2.1 Emissions to Air, (including heat, but excluding Odour, Noise or Vibration) from Specified Points

- 2.2.1.1 This Part 2.2.1 of this Permit shall not apply to releases of odour, noise or vibration.

- 2.2.1.2 No condition set

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point
N/A		

- 2.2.1.3 No condition set

**Table 2.2.2 : Emission limits to air and monitoring**

<b>Emission point reference</b>	<b>Parameter</b>	<b>Limit (including Reference Period)</b>	<b>Monitoring frequency</b>	<b>Monitoring method</b>
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No condition applies

Note 1: See Section 6 for reference conditions

2.2.1.4 No condition set.

**Table 2.2.3 Annual limits**

<b>Substance</b>	<b>Limit - kg</b>
No condition applies	

## 2.2.2 Emissions to water (other than groundwater), including heat, from specified points

2.2.2.1 This Part 2.2.2 of this Permit shall not apply to releases of odour, noise or vibration or to releases to groundwater.

### Emissions to Water (other than to Sewer)

2.2.2.2 Conditions 2.2.2.3 - 2.2.2.6 shall not apply to emissions to sewer.

2.2.2.3 With the exception of 2.2.2.5, there are no specific controls imposed on emissions to water in Part 2.2.2 of this permit

**Table 2.2.4: Emission point to water**

<b>Emission Point Reference or description</b>	<b>Source</b>	<b>Receiving Water</b>
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No condition applies

2.2.2.5 Where a substance is specified in Table 2.2.5 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration

**Table 2.2.5 : Emission limits to water and monitoring**

Emission point reference	Parameter	Limit (including Reference Period)	Monitoring frequency	Monitoring method
No condition applies				

## Emissions to sewer

2.2.2.7 Emissions to sewer from the specified emission points in Table 2.2.7 shall only arise from the source(s) specified in that Table.

**Table 2.2.7 Emission points to sewer**

Emission point reference or description	Source	Sewer
S1 – the sewerage inspection chamber (process effluent only).	Effluent treatment plant	United Utilities plc

2.2.2.8 The limits for the emissions to sewer for the parameter(s) and emission point(s) set out in Table 2.2.8 shall not be exceeded.

**Table 2.2.8 : Emission limits and monitoring frequency to sewer**

Emission point reference	Substance	Limit (including Reference Period)	Monitoring frequency	Monitoring method
S1	Toxic metals (Chromium IV, Copper, Nickel, Silver Zinc)	{..... 1 mg/l either individually or collectively ..... }	{.....  Prior to each batch discharge to foul sewer or otherwise as agreed in writing	{.....  Calibrated optical system or as otherwise agreed in writing.
	PH	6.5-8.5		
	COD	500mg/l	..... }	..... }

Notwithstanding, no matter shall be discharged to foul sewer with substances in excess of those permitted by the sewerage undertaker. Records of all analysis shall be kept.

2.2.2.9 Where a substance is specified in Table 2.2.8 but no limit is set for it, the concentration of such substance in emissions to sewer from the relevant emission point shall be no greater than the background concentration.

2.2.2.10 Total emissions in any year of a substance listed in Table 2.2.9 shall not exceed the relevant limit in that Table

**Table 2.2.9 Annual emission limit**

<b>Substance</b>	<b>Annual limit – kg</b>
Not set	

## **2.2.3 Emissions to groundwater**

- 2.2.3.1 No emission from the Permitted Installation shall give rise to the introduction into groundwater of any substance in List I (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).
- 2.2.3.2 No emission from within the Permitted Installation shall give rise to the introduction into groundwater of any substance in List II (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)) so as to cause pollution (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).
- 2.2.3.3 For substances other than those in List I or II (as defined in the Groundwater Regulations 1998 (SI 1998 No.2746)), the Operator shall use BAT to prevent or where that is not practicable to reduce emissions to groundwater from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

## **2.2.4 Fugitive emissions of substances to air**

- 2.2.4.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to air from the Permitted Installation in particular from:
- storage areas
  - buildings
  - pipes, valves and other transfer systems
  - open surfaces
- provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.
- 2.2.4.2 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of litter from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

## **2.2.5 Fugitive emissions of substances to water and sewer**

- 2.2.5.1 Subject to condition 2.2.5.2 below, the Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to water (other than Groundwater) and sewer from the Permitted Installation in particular from:
- all structures under or over ground
  - surfacing
  - bunding

- storage areas

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

- 2.2.5.2 There shall be no release to water that would cause a breach of an EQS established by the UK Government to implement the Dangerous Substances Directive 76/464/EEC.

## 2.2.6 Odour

- 2.2.6.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce odorous emissions from the Permitted Installation, in particular by:

- limiting the use of odorous materials
- restricting odorous activities
- controlling the storage conditions of odorous materials
- controlling processing parameters to minimise the generation of odour
- optimising the performance of abatement systems
- timely monitoring, inspection and maintenance
- employing, where appropriate, an approved odour management plan

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

- 2.2.6.2 Not applicable.

- 2.2.6.3 All emissions to air from the installation shall be free from offensive odour as perceived by an Authorised Officer of the Agency outside of the installation boundary except that the Operator shall not be taken to have breached this condition if the Operator has used BAT to prevent, or where that is not practicable, to reduce, such odorous emissions.

## 2.2.7 Emissions to Land

- 2.2.7.1 This Part 2.2.7 of this Permit shall not apply to emissions to groundwater.

- 2.2.7.2 There are no specific controls imposed on emissions to land in Part 2.2.7 of this Permit.

## 2.2.8 Equivalent Parameters or Technical Measures

- 2.2.8.1 The Operator shall comply with the requirements specified in Table 2.2.11, which supplement or replace emission limit values in accordance with Regulation 12(8) of the PPC Regulations.

**Table 2.2.11 Equivalent parameters and technical measures**

<b>Parameter or measure</b>	<b>Requirement or description of measure, and frequency if relevant</b>
Pre-acceptance and acceptance procedures as described in the application	As per application and particularly section B2.1 and the letter of 19th July 2004
Vapours from non-petrol wastes shall be passed through activated carbon as per letter dated 19 <sup>th</sup> July 2004	As per application and the letter of 19th July 2004; all transfers to tanks 1,2 or 3
Petrol handling shall be subject to vapour recovery.	As per application and the letter of 19th July 2004; all transfer to and from tank 4
Discharge of water via interceptor and activated carbon prior to discharge to foul sewer	As per application and the letter of 19th July 2004
Covering of the dig out pit	As per application and letter of 19th July 2004; at all times when no discharge or collection is taking place

## **2.3 Management and Fit and Proper Person for Specified Waste Management Activities.**

- 2.3.1 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

### **Training**

- 2.3.2 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.
- 2.3.3 All staff shall be fully conversant with those aspects of the Permit conditions which are relevant to their duties and shall be provided with adequate professional technical development and training and written operating instructions to enable them to carry out their duties.
- 2.3.4 The Operator shall maintain a record of the skills and training requirements for all staff whose tasks in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

### **Maintenance**

- 2.3.5 All plant and equipment used in operating the Permitted Installation, the failure of which could lead to an adverse impact on the environment, shall be maintained in good operating condition.
- 2.3.6 The Operator shall maintain a record of relevant plant and equipment covered by condition 2.3.5 and for such plant and equipment:
- 2.3.6.1 a written or electronic maintenance programme; and
  - 2.3.6.2 records of its maintenance.

### **Incidents and Complaints**

- 2.3.7 The Operator shall maintain and implement written procedures for:

- 2.3.7.1 taking prompt remedial action, investigating and reporting actual or potential non-compliance with operating procedures or emission limits and if such event occur;
  - 2.3.7.2 investigating incidents, (including any malfunction, breakdown or failure of plant, equipment or techniques, down time, any short term and long term remedial measures and near misses) and prompt implementation of appropriate actions; and
  - 2.3.7.3 ensuring that detailed records are made of all such actions and investigations.
- 2.3.8 The Operator shall record and investigate complaints concerning the Permitted Installation's effects or alleged effects on the environment. The record shall give the date and nature of complaint, time of complaint, name of complainant (if given), a summary of any investigation and the results of such investigation and any actions taken.
- 2.3.9 Where Regulation 4 of the Regulations applies to a relevant activity/associated activity carried on at the Permitted Installation, as authorised under condition 1.1.1,
- 2.3.9.1 any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as prescribed under Section 74 of The Environmental Protection Act 1990.
  - 2.3.9.2 in the event of the Operator and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days of conviction, whether or not the conviction is subsequently appealed. Such details shall include , in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, any sentence, and any fine or other penalty imposed; and
  - 2.3.9.3 In the event that the Operator and/or any relevant person lodges an appeal against any such conviction, the Operator shall notify the Agency of this within 14 days of the lodging. The Operator shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided; and
- 2.3.10 The financial provision for meeting the obligations under this permit set out in your letter dated 9<sup>th</sup> August 2004, shall be maintained by the holder throughout the subsistence of this Licence and the holder shall produce evidence of such provision whenever required by the Agency.

## 2.4 Efficient use of raw materials

### 2.4.1 The Operator shall -

- 2.4.1.1 maintain the raw materials table or description submitted in response to Section 2.4 of the Application and in particular consider on a periodic basis whether there are suitable alternative materials to reduce environmental impact;

2.4.1.2 carry out periodic waste minimisation audits and water use efficiency audits. If such an audit has not been carried out in the 2 years prior to the issue of this Permit, then the first such audit shall take place within 2 years of its issue. The methodology used and an action plan for increasing the efficiency of the use of raw materials or water shall be submitted to the Agency within 2 months of completion of each such audit and a review of the audit and a description of progress made against the action plan shall be submitted to the Agency at least every 4 years thereafter; and

2.4.1.3 ensure that incoming water use is directly measured and recorded.

## 2.5 Waste Storage and Handling

2.5.1 The Operator shall design, maintain and operate all facilities for the storage and handling of waste on site such that there are no releases to water or land during normal operation and that emissions to air and the risk of accidental release to water or land are minimised.

2.5.2 Subject to condition 2.5.1 total quantities of waste stored and treated at the installation shall not exceed the following quantities in table 2.5.2

**Table 2.5.2: Waste stored on site**

Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
Petrol and petroleum water/ sediment mixes	Designated tank 4	Within the designated tank	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. Not more than 26,300 litres
Diesel and diesel water/ sediment mixes Oil and oil water/ sediment mixes	Primary receipt tank	Storage prior to distribution to tanks 1, 2 or 3	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. With a flash point greater than 55 °C Not more than 30,000 litres
Diesel and diesel water/ sediment mixes Oil and oil water/sediment mixes	Designated tanks 1, 2 & 3	Within one of the designated tanks	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. With a flash point greater than 55 °C Not more than 26,300 litres per tank.

2.5.3 Wastes oils or other wastes shall not be accepted containing PCB or PCTs or dangerous substances.

2.5.4 Base oil derived from regeneration shall not constitute a toxic and dangerous waste and shall not contain PCBs or PCTs.

2.5.5 No waste oil shall be mixed with toxic and dangerous waste or PCBs or PCTs.



- 2.5.6 The total quantity of waste that is accepted at the site shall not exceed 5,000 tonnes in any calendar year.
- 2.5.7 Only wastes listed in table 2.5.7 may be accepted.

**Table 2.5.7 Permitted quantities of waste**

Permitted Waste Categories	European Waste Catalogue Chapter	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 2.5.6) (tonnes/year)
Waste from petroleum refining	05 01	
	05 01 05*	
Waste hydraulic oils	13 01	
	13 01 13* Other hydraulic oils	
Waste engine, gear and lubricating oils	13 02	For all permitted wastes: No limit subject to maximum storage capacities detailed.
	13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oil	
Oil/ water separator contents	13 05	For all permitted wastes: Wastes may only be accepted subject to other conditions of the permit and the application..
	13 05 01* Solid from grit chambers and oil/water separators	
	13 05 02* Sludges from oil/ water separators	
	13 05 03* Interceptor sludges	
	13 05 06* Oil from oil/ water separators	
	13 05 07* oil water from oil/ water separators	
	13 05 08* mixtures of wastes from grit chambers and oil/ water separators	
Wastes of liquid fuels	13 07 Oil wastes and wastes of liquid fuels	
	13 07 01* fuel oil and diesel	
	13 07 02* petrol	
	13 07 03* other fuels (including mixtures)	
Wastes from transport tank.. etc	16 07	
	16 07 08* Wastes containing oil	
	16 07 09* Wastes containing other dangerous substances	
Wastes from soil and groundwater remediation	19 13	
	19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	

## 2.6 Waste recovery or disposal

- 2.6.1 No condition
- 2.6.2 The Operator shall maintain the waste recovery or disposal table or description submitted in response to Section 2.6 of the Application and in particular identify the best practicable environmental options for waste disposal.
- 2.6.3 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin, destination (including whether this is a recovery or disposal operation) and where relevant removal date of any waste that is produced at the Permitted Installation.
- 2.6.4 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin and delivery date of any waste that is received for disposal or recovery at the Permitted Installation.

## 2.7 Energy Efficiency

- 2.7.1 The Operator shall produce a report on the energy consumed at the Permitted Installation over the previous calendar year, by 31 January each year, providing the information required by condition 4.1.2.
- 2.7.2 The Operator shall maintain and update annually an energy management system which shall include, in particular, the monitoring of energy flows and targeting of areas for improving energy efficiency.
- 2.7.3 The Operator shall design, maintain and operate the Permitted Installation so as to secure energy efficiency, taking into account relevant guidance including the Agency's Energy Efficiency Horizontal Guidance Note H2 as from time to time amended. Energy efficiency shall be secured in particular by:
- ensuring that the appropriate operating and maintenance systems are in place;
  - ensuring that all plant is adequately insulated to minimise energy loss or gain;
  - ensuring that all appropriate containment methods, (e.g. seals and self-closing doors) are employed and maintained to minimise energy loss;
  - employing appropriate basic controls, such as simple sensors and timers, to avoid unnecessary discharge of heated water or air;
  - where building services constitute more than 5% of the total energy consumption of the installation, identifying and employing the appropriate energy efficiency techniques for building services, having regard in particular to the Building services part of the Agency's Energy Efficiency Horizontal Guidance Note H2; and
  - maintaining and implementing an energy efficiency plan which identifies energy saving techniques that are applicable to the activities and their associated environmental benefit and prioritises them, having regard to the appraisal method in the Agency's Energy Efficiency Horizontal Guidance Note H2.

## 2.8 Accident prevention and control

- 2.8.1 The Operator shall maintain and implement when necessary the accident management plan submitted or described in response to Section 2.8 of the Application. The plan shall be reviewed at least every 2 years or as soon as practicable after an accident, whichever is the earlier, and the Agency notified of the results of the review within 2 months of its completion.

## 2.9 Noise and Vibration

- 2.9.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of noise and vibration from the Permitted Installation, in particular by:
- equipment maintenance, eg. of fans, pumps, motors, conveyors and mobile plant;
  - use and maintenance of appropriate attenuation, eg. silencers, barriers, enclosures;
  - timing and location of noisy activities and vehicle movements;
  - periodic checking of noise emissions, either qualitatively or quantitatively; and
  - maintenance of building fabric,

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

## 2.10 On-site Monitoring

- 2.10.1 The Operator shall maintain and implement an emissions monitoring programme which ensures that emissions are monitored from the specified points, for the parameters listed in and to the frequencies and methods described in Tables 2.2.2, 2.2.5 and 2.2.8, and in the letter submitted to the Environment Agency dated 19<sup>th</sup> July 2004, unless otherwise agreed in writing, and that the results of such monitoring are assessed. The programme shall ensure that monitoring is carried out under an appropriate range of operating conditions.

- 2.10.2 No condition

**Table 2.10.1 : Other monitoring requirements**

Emission point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications
No condition				

- 2.10.3 No Condition

- 2.10.4 No condition

- 2.10.5 The Operator shall notify the Agency at least 14 days in advance of undertaking monitoring and/ or spot sampling, where such notification has been requested in writing by the Agency.

- 2.10.6 The Operator shall maintain records of all monitoring taken or carried out (this includes records of the taking and analysis of samples instrument measurements (periodic and continual), calibrations, examinations, tests and surveys) and any assessment or evaluation made on the basis of such data.

2.10.8 There shall be provided:

2.10.8.1 safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2 to this Permit, unless otherwise specified in that Schedule; and

2.10.8.2 safe means of access to other sampling/monitoring points when required by the Agency.

## 2.11 Closure and Decommissioning

2.11.1 The Operator shall maintain and operate the Permitted Installation so as to prevent or minimise any pollution risk, including the generation of waste, on closure and decommissioning in particular by:-

2.11.1.1 attention to the design of new plant or equipment;

2.11.1.2 the maintenance of a record of any events which have, or might have, impacted on the condition of the site along with any further investigation or remediation work carried out; and

2.11.1.3 the maintenance of a site closure plan to demonstrate that the installation can be decommissioned avoiding any pollution risk and returning the site of operation to a satisfactory state.

2.11.2 Notwithstanding condition 2.11.1 of this Permit, the Operator shall carry out a full review of the Site Closure Plan at least every 4 years.

2.11.3 The site closure plan shall be implemented on final cessation or decommissioning of the Permitted activities or part thereof.

2.11.4 The Operator shall give at least 30 days written notice to the Agency before implementing the site closure plan.

## 2.12 Multiple Operator installations

2.12.1 This is not a multi-Operator installation

## 2.13 Transfer to effluent treatment plant

2.13.1 Transfers to effluent treatment plant(s) shall occur only from the point(s) specified in Table 2.13.1 and transfers from those points shall arise only from the source(s) and shall be released only to the treatment plant(s) specified in that Table.

**Table 2.13.1 Transfer point(s) to effluent treatment plant(s)**

Transfer point description/ identifier (notional)	Source	Effluent Treatment Plant
E1	Surface drainage (Pumped from drain pit) that collects yard drainage	No.1
E2	Contaminated water from tanks 1,2 or 3	No. 1
E3	Contaminated water from petrol tank 4	No.1
E4	Contaminated water or effluent water from the sump pit within the bunded area.	No. 1

2.13.2 The limits for transfers to effluent treatment plant for the parameter(s) and transfer point(s) set out in Table 2.13.2 shall not be exceeded.

**Table 2.13.2 Limits for transfers to effluent treatment plant(s)**

Parameter	Transfer Point	Limit (incl reference period)	Monitoring frequency	Monitoring Method
Flash point	Line from tank 4.	Shall not have a flash point equal to or less than 55 °C.	Spot sample per batch prior to transfer	Closed cup Flash Point test meter (or as otherwise agreed)

## 2.14 In-Process Controls Specified waste management operations

2.14.1 No waste management operations shall be authorised by this permit unless specified in and undertaken in accordance with the limitations in the following table; or otherwise required by the conditions of this permit as being an integral part of those operations;

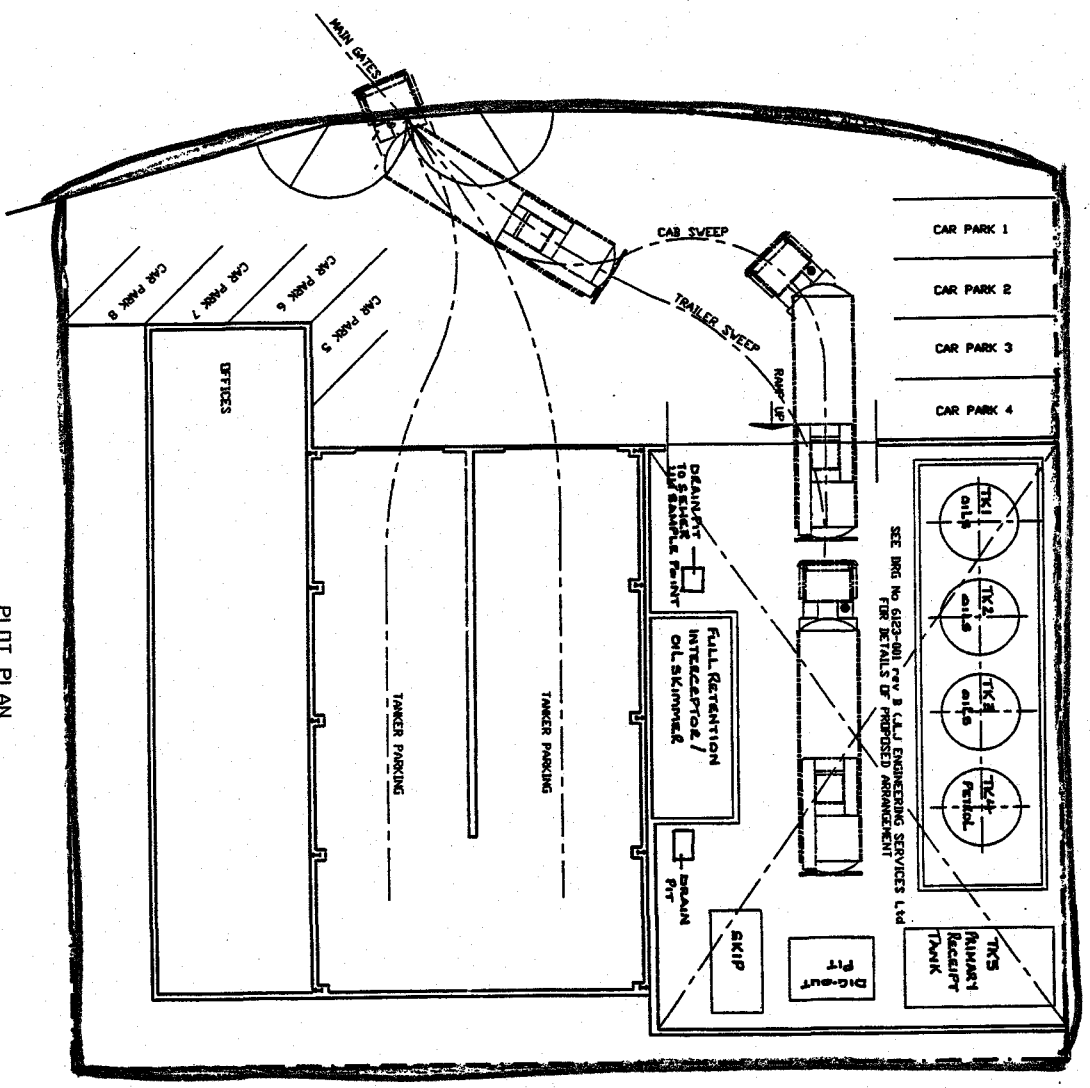
### 3 Records

- 3.1 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:-
- 3.1.1 be made available for inspection by the Agency at any reasonable time;
  - 3.1.2 be supplied to the Agency on demand and without charge;
  - 3.1.3 be legible;
  - 3.1.4 be made as soon as reasonably practicable;
  - 3.1.5 indicate any amendments which have been made and shall include the original record wherever possible;
  - 3.1.6 be retained at the Permitted Installation, or other location agreed by the Agency in writing, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing; and
  - 3.1.7 where they concern the condition of the site of the Installation, be kept at the Permitted Installation, or other location agreed by the Agency in writing, until all parts of the Permit have been surrendered.

## 4 Reporting

- 4.1.1 All reports and written and or oral notifications required by this Permit and notifications required by Regulation 16 of the PPC Regulations shall be made or sent to the Agency using the contact details notified in writing to the Operator by the Agency.
- 4.1.2 The Operator shall, unless otherwise agreed in writing, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:-
- 4.1.2.1 in respect of the parameters and emission points specified in Table S2 to Schedule 2;
  - 4.1.2.2 for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
  - 4.1.2.3 giving the information from such results and assessments as may be required by the forms specified in those Tables; and
  - 4.1.2.4 to the Agency within 28 days of the end of the reporting period.
- 4.1.3 The Operator shall submit to the Agency a report on the performance of the Permitted Installation over the previous year, by 31 January each year, providing the information listed in Tables S4.1 and S4.2 of Schedule 4, assessed at any frequency specified therein, and using the form specified in Table S3 to Schedule 3.
- 4.1.4 The Operator shall review fugitive emissions, having regard to the application of Best Available Techniques, on an annual basis, or such other period as shall be agreed in writing by the Agency, and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them within 3 months of the end of such period.
- 4.1.5 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.
- 4.1.6 The Operator shall, within 6 months of receipt of written notice from the Agency, submit to the Agency a report assessing whether all appropriate preventive measures continue to be taken against pollution, in particular through the application of the best available techniques, at the installation. The report shall consider any relevant published technical guidance current at the time of the notice which is either supplied with or referred to in the notice, and shall assess the costs and benefits of applying techniques described in that guidance, or otherwise identified by the Operator, that may provide environmental improvement.





PLOT PLAN

0 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 15m 20m

L.I.S. (NORTH WESTERN) Ltd.			
Revised	Quantity	Title/Name, designation, material, dimension etc.	Article No./Reference
Designed by	Checked by	Approved by - date	Finish date
INDUSTRIAL WASTE TREATMENT WORKS		8/11/73	1/5/74
UNIT 29 HAYDON LANE			
HAYDON, DEVON AND INDUSTRIAL ESTATE,			
ST HELENS, WALES			
MAGNUM TEL NO. 0942 77224.			
PROPOSED YARD LAYOUT		Edition	
LIS-0001		Sheet	
		1/1	

## 5 Notifications

### 5.1.1 The Operator shall notify the Agency **without delay** of:-

- 5.1.1.1 the detection of an emission of any substance which exceeds any limit or criterion in this Permit specified in relation to the substance;
- 5.1.1.2 the detection of any fugitive emission which has caused, is causing or may cause significant pollution unless the quantity emitted is so trivial that it would be incapable of causing significant pollution;
- 5.1.1.3 the detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution; and
- 5.1.1.4 any accident which has caused, is causing or has the potential to cause significant pollution.

### 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1, by sending:-

- 5.1.2.1 the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification; and
- 5.1.2.2 the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;

and such information shall be in accordance with that Schedule.

### 5.1.3 The Operator shall give written notification as soon as practicable prior to any of the following:-

- 5.1.3.1 permanent cessation of the operation of part or all of the Permitted Installation;
- 5.1.3.2 cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
- 5.1.3.3 resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition 5.1.4.2.

### 5.1.4 The Operator shall notify the Agency, as soon as reasonably practicable, of any information concerning the state of the Site which adds to that provided to the Agency as part of the Application or to that in the Site Protection and Monitoring Programme submitted under condition 4.1.7 of this Permit.

### 5.1.5 The Operator shall notify the following matters to the Agency in writing within 14 days of their occurrence:-

- 5.1.5.1 where the Operator is a registered company:-
  - any change in the Operator's trading name, registered name or registered office address;
  - any change to particulars of the Operator's ultimate holding company (including details of an ultimate holding company where an Operator has become a subsidiary)
  - any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up;
- 5.1.5.2 where the Operator is a corporate body other than a registered company:
  - any change in the Operator's name or address;
  - any steps taken with a view to the dissolution of the Operator.
- 5.1.5.3 In any other case: -

- the death of any of the named Operators (where the Operator consists of more than one named individual);
  - any change in the Operator's name(s) or address(es);
  - any steps taken with a view to the Operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case them being in a partnership, dissolving the partnership;
- 5.1.6 Where the Operator has entered into a Climate Change Agreement with the Government, the Operator shall notify the Agency within one month of:-
- 5.1.6.1 a decision by the Secretary of State not to re-certify that Agreement.
  - 5.1.6.2 a decision by either the Operator or the Secretary of State to terminate that agreement.
  - 5.1.6.3 any subsequent decision by the Secretary of State to re-certify such an Agreement.
- 5.1.7 Where the Operator has entered into a Direct Participant Agreement in the Emissions Trading Scheme which covers emissions relating to the energy consumption of the activities, the Operator shall notify the Agency within one month of:-
- 5.1.7.1 a decision by the Operator to withdraw from or the Secretary of State to terminate that agreement.
  - 5.1.7.2 a failure to comply with an annual target under that Agreement at the end of the trading compliance period.

## 6 Interpretation

6.1.1 In this Permit, the following expressions shall have the following meanings:-

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

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

"background concentration" means such concentration of that substance as is present in:

- water supplied to the site; or
- where more than 50% of the water used at the site is directly abstracted from ground or surface water on site, the abstracted water; or
- where the Permitted Installation uses no significant amount of supplied or abstracted water, the precipitation on to the site.

"BAT" means best available techniques means the most effective and advanced stage of development of activities and their methods of operation which indicates the practical suitability of particular techniques to prevent and where that is not practicable to reduce emissions and the impact on the environment as a whole. For these 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" and "techniques" "includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned." . In addition, Schedule 2 of the PPC Regulations has effect in relation to the determination of BAT.

"dangerous substances" means the same as the European Council Directive 67/548/EEC and amendments.

"Fugitive emission" means an emission to air or water (including sewer) from the Permitted Installation which is not controlled by an emission or background concentration limit under conditions 2.2.1.3, 2.2.2.4, 2.2.2.5, 2.2.2.8 or 2.2.2.9 of this Permit.

"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.

"Land Protection Guidance" means the version of the Agency guidance note "H7 - Guidance on the Protection of Land under the PPC Regime: Application Site Report and Site Protection and Monitoring Programme", including its appended templates for data reporting, which is current at the time of issue of the Permit.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

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

PCBs and PCTs means polychlorinated biphenyls, polychlorinated terphenyls and mixtures containing one or both substances.

"Permitted Installation" means the activities and the limits to those activities described in Table 1.1.1 of this Permit.

**Interpretation**

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"PPC Regulations" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 (as amended) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit save to the extent they are specifically defined in this Permit.

"Sewer" means sewer within the meaning of section 219(1) of the Water Industry Act 1991.

"Staff" includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors.

"Toxic and dangerous waste" has the meaning given in regulation 14 of the Waste Management Licensing Regulations 1994 (as amended)

"Year" means calendar year ending 31 December.

VOCs shall be as for total VOCs expressed as toluene.

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

6.1.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means:-

6.1.3.1 in relation to gases from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

6.1.3.2 in relation to gases from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

6.1.4 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 wording of the document(s) with the most recent date shall prevail to the extent of such conflict.

## Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

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

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

### Part A

Permit Number	
Name of Operator	
Location of Installation	
Location of the emission	
Time and date of the emission	

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place

Measures taken, or intended to be taken, to stop the emission	
---	--

### Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of L.I.S (North Western) Limited

## Schedule 2 - Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 and 4.1.3 of this Permit, are listed below.

Table S2: Reporting of monitoring data				
Parameter	Emission point	Reporting period	Period begins	Notes
Chemical oxygen demand mg l <sup>-1</sup> (COD)	S1	Every 12 months	As per the date of this permit	
pH	S1	Every 12 months	As per the date of this permit	
Water usage	Mains water supply point(s)	Every 12 months	As per the date of this permit	
Energy usage	Mains electricity supply point	Every 12 months	As per the date of this permit	
Waste disposal and/or recovery.		Every 12 months	As per the date of this permit	

Reports shall be submitted within 28 days. The first report shall be submitted for the year ending 2004.

## Schedule 3 - Forms to be used

Table S3: Reporting Forms		
Media / parameter	Form Number	Date of Form
Sewer	S2	As provided and as amended from time to time
Energy	E1	As provided and as amended from time to time
Waste Return	WMS1	As provided and as amended from time to time
Water usage	WU1	As provided and as amended from time to time



## Schedule 4 - Reporting of performance data

Data required to be recorded and reported by Condition 4.1.3. The data should be assessed at the frequency given and reported annually to the Agency.

**Table S4.1: Annual Production/Treatment**

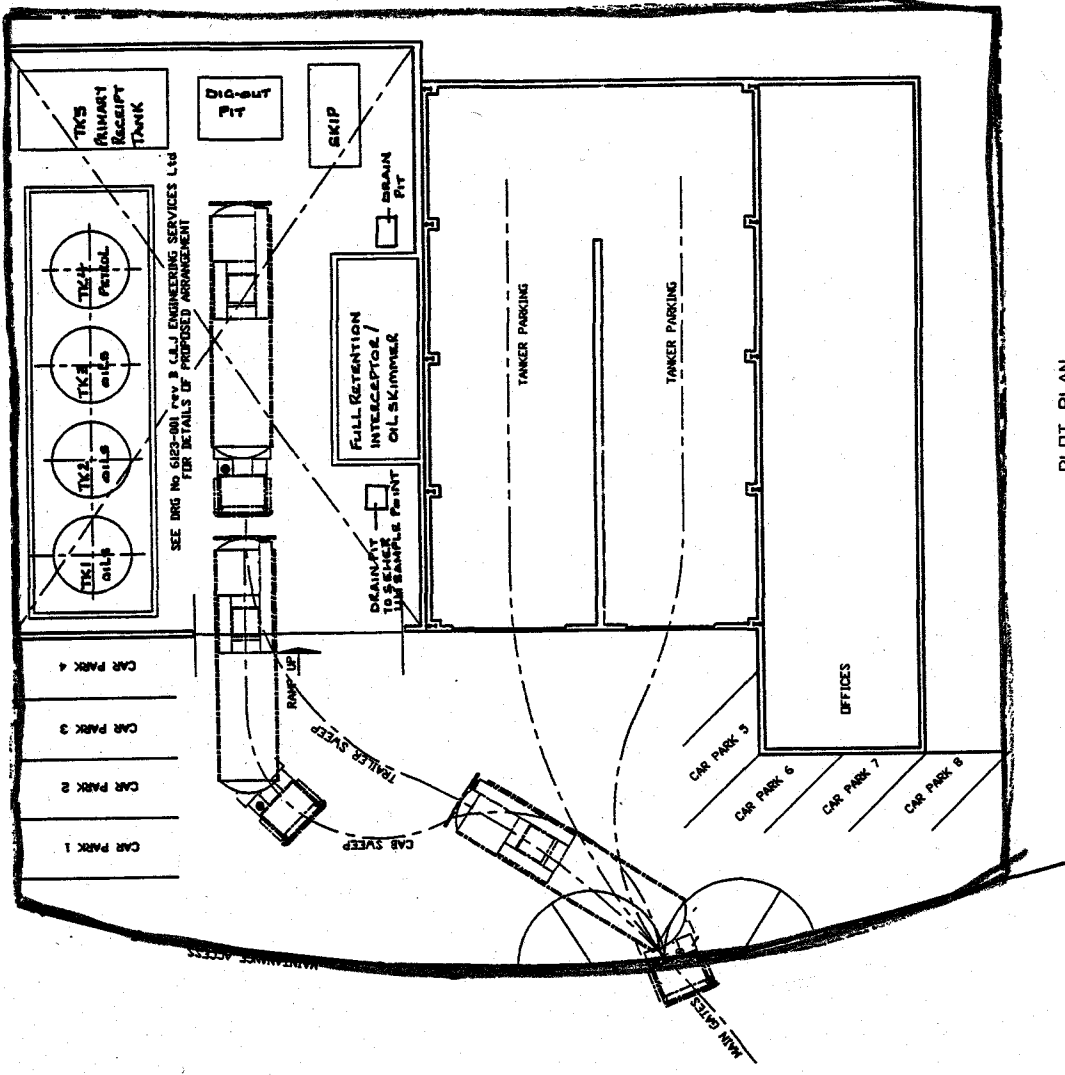
As per WMS1	
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**Table S4.2: Performance parameters**

Parameter		Frequency of assessment	Performance indicator
COD		Quarterly	COD/t
Potable water use		Quarterly	m <sup>3</sup> /t

The first report shall be submitted for the year ending 2005

Sheet 5 site plan.



PLOT PLAN



Revised	Retention note	7	8
Date	Signature/Check		

L.I.S. (NORTH WESTERN) Ltd.			
Item Ref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by	Checked by	Approved by - date	Scale 1:500 at
		BRJ - 15/04/03	Date
INDUSTRIAL CLEANING WASTE DISPOSAL SPECIALISTS			Fluore
UNIT 20 HAYDOCK LANE			PROPOSED YARD LAYOUT
WARRINGTON INDUSTRIAL ESTATE,			Edition
ST HELENS,			LIS-0001
LIVERPOOL			Sheet
MAY 1993 TEL: 01524 722344			V1

## Schedule 5 - Site Plan

"Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationery Office ©Crown Copyright 2000. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings."

END OF PERMIT



# Permit with introductory note

Pollution Prevention and Control Regulations 2000

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LIS (North Western) Ltd  
Unit 20 Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UQ

Original Permit number EP3835PU

Variation Number: BP3237SY

Consolidated Permit

## Contents

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## Introductory note

### This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No.1973), as amended, ("the PPC Regulations") to operate an installation carrying out activities covered by the description in Section 5.3A(1)(b) and 5.4A (1) (c)vii in Part 1 to Schedule 1 of the PPC Regulations, to the extent authorised by the Permit:

Section 5.3 A(1)(b) the disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.

Section 5.4 A(1)(c) vii Oil refining or other reuses of oil (R9)

Aspects of the operation of the installation which are not regulated by conditions of the Permit are subject to the condition implied by Regulation 12(10) of the PPC Regulations, i.e. the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

In some sections of the Permit conditions require the Operator to use Best Available Techniques (BAT), in each of the aspects of the management of the installation, to prevent and where that is not practicable to reduce emissions. The conditions do not explain what is BAT. In determining BAT, the Operator should pay particular attention to relevant sections of the IPPC Sector guidance, appropriate Horizontal guidance (H1 to H4) and other relevant guidance.

A non-technical description of the installation is given in the Application, but the main features of the installation are as follows.

The site will receive wastes in road tankers consisting primarily of oil/ water mixes and petrol/water mixes with some suspended residue component such as grit or sludge. Tanks 1, 2 and 3 are for oil/water mixes with a flash point exceeding 55 degrees Celsius, tank 4 is for petrol/ water mixes with a flash point at or less than 55 degrees Celsius. Loads that heavily loaded with solids will first be settled in the primary reception tank. Water is separated from the oil or petrol mix by gravity and is transferred to the on site treatment facility consisting of an interceptor and activated carbon scrubber. Where solid residues remain in tanks, they will be dug out and the oil removed. The settled petrol and oil remain waste and will be dispatched to facilities that can lawfully accept wastes. Solid wastes and sludge will be sent off site for treatment.

Note that the Permit requires the submission of certain information to the Agency (see Sections 4 and 5). In addition, the Agency has the power to seek further information at any time under regulation 28 to the PPC Regulations provided that it acts reasonably.

This version is consolidated.

#### Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
Not applicable		

#### Superseded Licences/Authorisations/Consents relating to this installation

Holder	Reference Number	Date of Issue
Not applicable		

Other activities may take place on the site of this installation which are not regulated under this Permit or any other PPC Permit referred to in the Table above.

## **Public Registers**

Considerable information relating to Permits including the Application is available on public registers in accordance with the requirements of the PPC Regulations. Certain information may be withheld from public registers where it is commercially confidential or contrary to national security.

## **Variations to the Permit**

This Permit may be varied in the future (by the Agency serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, it must submit a formal Application. The Status Log within the Introductory Note to any such Variation Notice will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

## **Surrender of the Permit**

Before this Permit can be wholly or partially surrendered, an Application to surrender the Permit has to be made by the Operator. For the application to be successful, the Operator must be able to demonstrate to the Agency that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

## **Transfer of the Permit or part of the Permit**

Before the Permit can be wholly or partially transferred to another person, an Application to transfer the Permit has to be made jointly by the existing and proposed holders. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not comply with the conditions of the transferred Permit. If, however, the Permit authorises the carrying out of a specified waste management activity, the transfer will only be allowed if the proposed holder is also considered to be "a fit and proper person" as required by the PPC Regulations.

## **Talking to us**

Please quote the Permit Number if you contact the Agency about this Permit.

To give a Notification under Condition 5.1.1, the Operator should use the Incident Hotline telephone number (0800 80 70 60) or any other number notified in writing to the Operator by the Agency for that purpose.

## Status Log

Detail	Date	Comment
Application EA/IPPC/EP3835PU	Received 26 <sup>th</sup> March 2004	Dated and signed 24 <sup>th</sup> March 2004
Application duly made	7 <sup>th</sup> April 2004	
Response to request for information	28 <sup>th</sup> June 2004	Response dated 19 <sup>th</sup> July 2004
Request to extend determination	3 <sup>rd</sup> August 2004	Response dated 9 <sup>th</sup> August 2004 (financial provision only)
Permit determined	14 <sup>th</sup> October 2004	
Application to vary permit	16 <sup>th</sup> September 2005	Application to vary permit in two parts. Date validated
Variation determined	23 <sup>rd</sup> September 2005	Consolidated version of permit issued

**End of Introductory Note.**



## Permit

Permit number  
**EP 3835 PU**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations (SI 2000 No 1973), hereby authorises

**L.I.S. (North Western) Limited** ("the Operator"),

Whose Registered Office and principal place of business is

**Unit 20 Haydock Lane  
Haydock Industrial Estate  
Haydock  
St Helens  
WA11 9UA**

Company registration number 3762932

to operate an Installation at

**Unit 20 Haydock Lane  
Haydock Industrial Estate  
Haydock  
St Helens  
WA11 9UQ**

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

Signed	Date
	23/09/2008

Authorised to sign on behalf of the Agency



# Conditions

## 1 General

### 1.1 Permitted Activities

- 1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

<b>Table 1.1.1</b>		
<b>Activity listed in Schedule 1 of the PPC Regulations / Associated Activity</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
Section 5.3 A(1)(b)	The disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	Gravity separation and settlement of oil and water without the application of heat.
Section 5.4 A(1)(c)vii	Oil refining or other reuses of oil (R8)	Gravity separation and settlement of petrol and water without the application of heat.
Waste reception storage and transfer	Storage of waste pending disposal or recovery (D15/R13)	Receipt and storage of permitted wastes as defined in permit conditions and the application.
Consolidation of compatible waste	Blending or mixing of waste (D13)	Bulking of compatible wastes for treatment on site
Gravity settlement	Oil refining or other reuses of oil (R8)	Primary settlement of silts from oil and water within primary reception tank and the pumping out of residual wastes.
Digging out of waste residue	-	Digging out of road tankers directly associated with the activity
Road tanker washing and cleaning out	Physio-chemical treatment of waste (D9)	Washing out of road tankers directly associated with the activity
Vapour abatement	Activated carbon scrubbing	As per the application
Water discharge to foul sewer	Separation by gravity Activated Carbon absorption Fine filtration Discharge of treated effluent	Treatment of effluent prior to discharge to foul sewer. Only as necessary to meet the requirement of table 2.2.8.

1.1.2 Where waste on site is subjected to activities that are exempt from control under the Waste Management Licensing Regulations 1994, then the wastes controlled under condition 1.1.1, above, shall be clearly identified and kept separate from such exempt waste activities and a record shall be kept of where such exempt activities are conducted.

## 1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the land shown edged in green on the Site Plan LIS -0001, (approved by-date 15-04-03, sheet 1/1) to this Permit.

## 1.3 Overarching Management Condition

- 1.3.1 Without prejudice to the other conditions of this Permit, the Operator shall implement and maintain a management system, organisational structure and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit.

## 1.4 Improvement Programme

- 1.4.1 The Operator shall complete the improvements specified in Table 1.4.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Agency within 14 days of the completion of each such requirement.

### 1.4.1: Improvement programme

Reference	Requirement	Date
2	Attain and maintain ISO 14001, unless otherwise agreed in writing	By 14 <sup>th</sup> October 2005

- 1.4.2 Where the Operator fails to comply with any requirement by the date specified in Table 1.4.1 the Operator shall send written notification of such failure to the Agency within 14 days of such date.

## 1.5 Minor Operational Changes

- 1.5.1 The Operator shall seek the Agency's written agreement to any minor operational changes under condition 2.1.1 of this Permit by sending to the Agency: written notice of the details of the proposed change including an assessment of its possible effects (including waste production) on risks to the environment from the Permitted Installation; any relevant supporting assessments and drawings; and the proposed implementation date.
- 1.5.2 Any such change shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation in accordance with that change, and relevant provisions in the Application shall be deemed to be amended.
- 1.5.3 When the qualification "unless otherwise agreed in writing" is used elsewhere in this Permit, the Operator shall seek such agreement by sending to the Agency written notice of the details of the proposed method(s) or techniques.
- 1.5.4 Any such method(s) or techniques shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation using that method or technique, and relevant provisions in the Application shall be deemed to be amended.

## 1.6 Pre-Operational Conditions

- 1.6.1 The Permitted Installation shall not be brought into operation until the following measures have been completed and the Agency has been notified in writing of this:
- a. All infrastructure for the discharge of effluent to foul sewer is complete and a report is forwarded to the Agency confirming this.
  - b. No petroleum shall be accepted at the installation until the infrastructure, including loading and unloading has been installed as per the application and supplementary information dated 19<sup>th</sup> July 2004, in response to a schedule 4 notice and a report is forwarded to the Agency confirming this.
  - c. A site laboratory is established for the purpose of carrying out the necessary tests and a place is established for the suitable and safe keeping of samples for up to 1 month.

## 1.7 Off-site Conditions

- 1.7.1 There are no off-site conditions

## 2 Operating conditions

### 2.1 In-Process Controls

- 2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency in accordance with conditions 1.5.1 and 1.5.2 of this Permit.

**Table 2.1.1: Operating techniques**

Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2	26 <sup>th</sup> March 2004
Response to schedule 4 notice	given in the response letter dated 19 <sup>th</sup> July 2004 of the application	19 <sup>th</sup> July 2004
Application doc ref 001	All parts of document reference 001 <i>Variation 2: Pre-Acceptance and Load Acceptance Sampling</i>	2nd August 2005

### 2.2 Emissions

#### 2.2.1 Emissions to Air, (including heat, but excluding Odour, Noise or Vibration) from Specified Points

- 2.2.1.1 This Part 2.2.1 of this Permit shall not apply to releases of odour, noise or vibration.

- 2.2.1.2 No condition set

**Table 2.2.1 : Emission points to air**

Emission point reference or description	Source	Location of emission point
N/A		

- 2.2.1.3 No condition set

**Table 2.2.2 : Emission limits to air and monitoring**

Emission point reference	Parameter	Limit (including Reference Period)	Monitoring frequency	Monitoring method
No condition applies				

Note 1: See Section 6 for reference conditions

2.2.1.4 No condition set.

**Table 2.2.3 Annual limits**

Substance	Limit - kg
No condition applies	

## 2.2.2 Emissions to water (other than groundwater), including heat, from specified points

2.2.2.1 This Part 2.2.2 of this Permit shall not apply to releases of odour, noise or vibration or to releases to groundwater.

### Emissions to Water (other than to Sewer)

2.2.2.2 Conditions 2.2.2.3 - 2.2.2.6 shall not apply to emissions to sewer.

2.2.2.3 With the exception of 2.2.2.5, there are no specific controls imposed on emissions to water in Part 2.2.2 of this permit

**Table 2.2.4: Emission point to water**

Emission Point Reference or description	Source	Receiving Water
No condition applies		

2.2.2.5 Where a substance is specified in Table 2.2.5 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration

**Table 2.2.5 : Emission limits to water and monitoring**

Emission point reference	Parameter	Limit (including Reference Period)	Monitoring frequency	Monitoring method
No condition applies				

## Emissions to sewer

2.2.2.7 Emissions to sewer from the specified emission points in Table 2.2.7 shall only arise from the source(s) specified in that Table.

**Table 2.2.7 Emission points to sewer**

Emission point reference or description	Source	Sewer
S1 – the sewerage inspection chamber (process effluent only).	Effluent treatment plant, which shall include the oil interceptor.	United Utilities plc

2.2.2.8 The limits for the emissions to sewer for the parameter(s) and emission point(s) set out in Table 2.2.8 shall not be exceeded.

**Table 2.2.8 : Emission limits and monitoring frequency to sewer**

Emission point reference	Substance	Limit (including Reference Period)	Monitoring frequency	Monitoring method
S1	Toxic metals (Chromium IV, Copper, Nickel, Silver Zinc)	{..... 1 mg/l either individually or collectively ..... }	{.....	{.....
	PH	6.5-8.5	Prior to each batch discharge to foul sewer or otherwise as agreed in writing, in accordance with document reference 001 "Variation 1: To increase discharge consent to sewer" as submitted on the 2nd August 2005	Calibrated optical system or as otherwise agreed in writing.
	COD	1500mg/l		

Notwithstanding, no matter shall be discharged to foul sewer with substances in excess of those permitted by the sewerage undertaker. Records of all analysis shall be kept.

2.2.2.9 Where a substance is specified in Table 2.2.8 but no limit is set for it, the concentration of such substance in emissions to sewer from the relevant emission point shall be no greater than the background concentration.

2.2.2.10 Total emissions in any year of a substance listed in Table 2.2.9 shall not exceed the relevant limit in that Table

**Table 2.2.9 Annual emission limit**

Substance	Annual limit - kg
Not set	

## 2.2.3 Emissions to groundwater

2.2.3.1 No emission from the Permitted Installation shall give rise to the introduction into groundwater of any substance in List I (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).

2.2.3.2 No emission from within the Permitted Installation shall give rise to the introduction into groundwater of any substance in List II (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)) so as to cause pollution (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).

2.2.3.3 For substances other than those in List I or II (as defined in the Groundwater Regulations 1998 (SI 1998 No.2746)), the Operator shall use BAT to prevent or where that is not practicable to reduce emissions to groundwater from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

## 2.2.4 Fugitive emissions of substances to air

2.2.4.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to air from the Permitted Installation in particular from:

- storage areas
- buildings
- pipes, valves and other transfer systems
- open surfaces

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.4.2 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of litter from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.



## 2.2.5 Fugitive emissions of substances to water and sewer

2.2.5.1 Subject to condition 2.2.5.2 below, the Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to water (other than Groundwater) and sewer from the Permitted Installation in particular from:

- all structures under or over ground
- surfacing
- bunding
- storage areas

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.5.2 There shall be no release to water that would cause a breach of an EQS established by the UK Government to implement the Dangerous Substances Directive 76/464/EEC.

## 2.2.6 Odour

2.2.6.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce odorous emissions from the Permitted Installation, in particular by:

- limiting the use of odorous materials
- restricting odorous activities
- controlling the storage conditions of odorous materials
- controlling processing parameters to minimise the generation of odour
- optimising the performance of abatement systems
- timely monitoring, inspection and maintenance
- employing, where appropriate, an approved odour management plan

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.6.2 Not applicable.

2.2.6.3 All emissions to air from the installation shall be free from offensive odour as perceived by an Authorised Officer of the Agency outside of the installation boundary except that the Operator shall not be taken to have breached this condition if the Operator has used BAT to prevent, or where that is not practicable, to reduce, such odorous emissions.

## 2.2.7 Emissions to Land

2.2.7.1 This Part 2.2.7 of this Permit shall not apply to emissions to groundwater.

2.2.7.2 There are no specific controls imposed on emissions to land in Part 2.2.7 of this Permit.

## 2.2.8 Equivalent Parameters or Technical Measures

2.2.8.1 The Operator shall comply with the requirements specified in Table 2.2.11, which supplement or replace emission limit values in accordance with Regulation 12(8) of the PPC Regulations.

**Table 2.2.11 Equivalent parameters and technical measures**

Parameter or measure	Requirement or description of measure, and frequency if relevant
Pre-acceptance and acceptance procedures as described in the application	As per application and particularly section B2.1 and the letter of 19th July 2004
Vapours from non-petrol wastes shall be passed through activated carbon as per letter dated 19 <sup>th</sup> July 2004	As per application and the letter of 19th July 2004; all transfers to tanks 1,2 or 3
Petrol handling shall be subject to vapour recovery.	As per application and the letter of 19th July 2004; all transfer to and from tank 4
Discharge of water via interceptor and, as necessary, activated carbon, prior to discharge to foul sewer	As per application and the letter of 19th July 2004 As per variation application of 2nd August 2005
Covering of the dig out pit	As per application and letter of 19th July 2004; at all times when no discharge or collection is taking place

## 2.3 Management and Fit and Proper Person for Specified Waste Management Activities.

2.3.1 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

### Training

2.3.2 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.

2.3.3 All staff shall be fully conversant with those aspects of the Permit conditions which are relevant to their duties and shall be provided with adequate professional technical development and training and written operating instructions to enable them to carry out their duties.

2.3.4 The Operator shall maintain a record of the skills and training requirements for all staff whose tasks in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

### Maintenance

2.3.5 All plant and equipment used in operating the Permitted Installation, the failure of which could lead to an adverse impact on the environment, shall be maintained in good operating condition.

2.3.6 The Operator shall maintain a record of relevant plant and equipment covered by condition 2.3.5 and for such plant and equipment:

- 2.3.6.1 a written or electronic maintenance programme; and
- 2.3.6.2 records of its maintenance.

### **Incidents and Complaints**

- 2.3.7 The Operator shall maintain and implement written procedures for:
  - 2.3.7.1 taking prompt remedial action, investigating and reporting actual or potential non-compliance with operating procedures or emission limits and if such event occur;
  - 2.3.7.2 investigating incidents, (including any malfunction, breakdown or failure of plant, equipment or techniques, down time, any short term and long term remedial measures and near misses) and prompt implementation of appropriate actions; and
  - 2.3.7.3 ensuring that detailed records are made of all such actions and investigations.
- 2.3.8 The Operator shall record and investigate complaints concerning the Permitted Installation's effects or alleged effects on the environment. The record shall give the date and nature of complaint, time of complaint, name of complainant (if given), a summary of any investigation and the results of such investigation and any actions taken.
- 2.3.9 Where Regulation 4 of the Regulations applies to a relevant activity/associated activity carried on at the Permitted Installation, as authorised under condition 1.1.1,
  - 2.3.9.1 any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as prescribed under Section 74 of The Environmental Protection Act 1990.
  - 2.3.9.2 in the event of the Operator and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days of conviction, whether or not the conviction is subsequently appealed. Such details shall include , in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, any sentence, and any fine or other penalty imposed; and
  - 2.3.9.3 In the event that the Operator and/or any relevant person lodges an appeal against any such conviction, the Operator shall notify the Agency of this within 14 days of the lodging. The Operator shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided; and
- 2.3.10 The financial provision for meeting the obligations under this permit set out in your letter dated 9<sup>th</sup> August 2004, shall be maintained by the holder throughout the subsistence of this Licence and the holder shall produce evidence of such provision whenever required by the Agency.

## **2.4 Efficient use of raw materials**

- 2.4.1 The Operator shall -

- 2.4.1.1 maintain the raw materials table or description submitted in response to Section 2.4 of the Application and in particular consider on a periodic basis whether there are suitable alternative materials to reduce environmental impact;
- 2.4.1.2 carry out periodic waste minimisation audits and water use efficiency audits. If such an audit has not been carried out in the 2 years prior to the issue of this Permit, then the first such audit shall take place within 2 years of its issue. The methodology used and an action plan for increasing the efficiency of the use of raw materials or water shall be submitted to the Agency within 2 months of completion of each such audit and a review of the audit and a description of progress made against the action plan shall be submitted to the Agency at least every 4 years thereafter; and
- 2.4.1.3 ensure that incoming water use is directly measured and recorded.

## 2.5 Waste Storage and Handling

- 2.5.1 The Operator shall design, maintain and operate all facilities for the storage and handling of waste on site such that there are no releases to water or land during normal operation and that emissions to air and the risk of accidental release to water or land are minimised.
- 2.5.2 Subject to condition 2.5.1 total quantities of waste stored and treated at the installation shall not exceed the following quantities in table 2.5.2

Table 2.5.2: Waste stored on site			
Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
Petrol and petroleum water/ sediment mixes	Designated tank 4	Within the designated tank	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. Not more than 26,300 litres
Diesel and diesel water/ sediment mixes Oil and oil water/ sediment mixes	Primary receipt tank	Storage prior to distribution to tanks 1, 2 or 3	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. With a flash point greater than 55 °C Not more than 30,000 litres
Diesel and diesel water/ sediment mixes Oil and oil water/sediment mixes	Designated tanks 1, 2 & 3	Within one of the designated tanks	In accordance with the application dated 24 <sup>th</sup> March 2004 and the letter dated 19 <sup>th</sup> July 2004. With a flash point greater than 55 °C Not more than 26,300 litres per tank.

- 2.5.3 Wastes oils or other wastes shall not be accepted containing PCB or PCTs or dangerous substances.
- 2.5.4 Base oil derived from regeneration shall not constitute a toxic and dangerous waste and shall not contain PCBs or PCTs.
- 2.5.5 No waste oil shall be mixed with toxic and dangerous waste or PCBs or PCTs.
- 2.5.6 The total quantity of waste that is accepted at the site shall not exceed 5,000 tonnes in any calendar year.
- 2.5.7 Only wastes listed in table 2.5.7 may be accepted.

<b>Table 2.5.7 Permitted quantities of waste</b>		
<b>Permitted Waste Categories</b>	<b>European Waste Catalogue Chapter</b>	<b>Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 2.5.6) (tonnes/year)</b>
Waste from petroleum refining	05 01	
	05 01 05*	
Waste hydraulic oils	13 01	
	13 01 13* Other hydraulic oils	
Waste engine, gear and lubricating oils	13 02	For all permitted wastes: No limit subject to maximum storage capacities detailed.
	13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oil	
Oil/ water separator contents	13 05	For all permitted wastes: Wastes may only be accepted subject to other conditions of the permit and the application..
	13 05 01* Solid from grit chambers and oil/water separators	
	13 05 02* Sludges from oil/ water separators	
	13 05 03* interceptor sludges	
	13 05 06* Oil from oil/ water separators	
	13 05 07* oil water from oil/ water separators	
Wastes of liquid fuels	13 05 08* mixtures of wastes from grit chambers and oil/ water separators	
	<b>13 07 Oil wastes and wastes of liquid fuels</b>	
	13 07 01* fuel oil and diesel	
	13 07 02* petrol	
Wastes from transport tank.. etc	13 07 03* other fuels (including mixtures)	
	16 07	
	16 07 08* Wastes containing oil	
Wastes from soil and groundwater remediation	16 07 09* Wastes containing other dangerous substances	
	19 13	
	19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	

## 2.6 Waste recovery or disposal

- 2.6.1 No condition
- 2.6.2 The Operator shall maintain the waste recovery or disposal table or description submitted in response to Section 2.6 of the Application and in particular identify the best practicable environmental options for waste disposal.
- 2.6.3 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin, destination (including whether this is a recovery or disposal operation) and where relevant removal date of any waste that is produced at the Permitted Installation.
- 2.6.4 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin and delivery date of any waste that is received for disposal or recovery at the Permitted Installation.

## 2.7 Energy Efficiency

- 2.7.1 The Operator shall produce a report on the energy consumed at the Permitted Installation over the previous calendar year, by 31 January each year, providing the information required by condition 4.1.2.
- 2.7.2 The Operator shall maintain and update annually an energy management system which shall include, in particular, the monitoring of energy flows and targeting of areas for improving energy efficiency.
- 2.7.3 The Operator shall design, maintain and operate the Permitted Installation so as to secure energy efficiency, taking into account relevant guidance including the Agency's Energy Efficiency Horizontal Guidance Note H2 as from time to time amended. Energy efficiency shall be secured in particular by:
- ensuring that the appropriate operating and maintenance systems are in place;
  - ensuring that all plant is adequately insulated to minimise energy loss or gain;
  - ensuring that all appropriate containment methods, (e.g. seals and self-closing doors) are employed and maintained to minimise energy loss;
  - employing appropriate basic controls, such as simple sensors and timers, to avoid unnecessary discharge of heated water or air;
  - where building services constitute more than 5% of the total energy consumption of the installation, identifying and employing the appropriate energy efficiency techniques for building services, having regard in particular to the Building services part of the Agency's Energy Efficiency Horizontal Guidance Note H2; and
  - maintaining and implementing an energy efficiency plan which identifies energy saving techniques that are applicable to the activities and their associated environmental benefit and prioritises them, having regard to the appraisal method in the Agency's Energy Efficiency Horizontal Guidance Note H2.

## 2.8 Accident prevention and control

- 2.8.1 The Operator shall maintain and implement when necessary the accident management plan submitted or described in response to Section 2.8 of the Application. The plan shall be reviewed at least every 2 years or as soon as practicable after an accident, whichever is the earlier, and the Agency notified of the results of the review within 2 months of its completion.

## 2.9 Noise and Vibration

- 2.9.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of noise and vibration from the Permitted Installation, in particular by:
- equipment maintenance, eg. of fans, pumps, motors, conveyors and mobile plant;
  - use and maintenance of appropriate attenuation, eg. silencers, barriers, enclosures;
  - timing and location of noisy activities and vehicle movements;
  - periodic checking of noise emissions, either qualitatively or quantitatively; and
  - maintenance of building fabric,
- provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

## 2.10 On-site Monitoring

- 2.10.1 The Operator shall maintain and implement an emissions monitoring programme which ensures that emissions are monitored from the specified points, for the parameters listed in and to the frequencies and methods described in Tables 2.2.2, 2.2.5 and 2.2.8, and in the letter submitted to the Environment Agency dated 19<sup>th</sup> July 2004, unless otherwise agreed in writing, and that the results of such monitoring are assessed. The programme shall ensure that monitoring is carried out under an appropriate range of operating conditions.
- 2.10.2 No condition

**Table 2.10.1 : Other monitoring requirements**

Emission point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method	Other specifications
No condition				

2.10.3 No Condition

2.10.4 No condition

2.10.5 The Operator shall notify the Agency at least 14 days in advance of undertaking monitoring and/ or spot sampling, where such notification has been requested in writing by the Agency.



- 2.10.6 The Operator shall maintain records of all monitoring taken or carried out (this includes records of the taking and analysis of samples instrument measurements (periodic and continual), calibrations, examinations, tests and surveys) and any assessment or evaluation made on the basis of such data.
- 2.10.8 There shall be provided:
- 2.10.8.1 safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2 to this Permit, unless otherwise specified in that Schedule; and
  - 2.10.8.2 safe means of access to other sampling/monitoring points when required by the Agency.

## 2.11 Closure and Decommissioning

- 2.11.1 The Operator shall maintain and operate the Permitted Installation so as to prevent or minimise any pollution risk, including the generation of waste, on closure and decommissioning in particular by:-
- 2.11.1.1 attention to the design of new plant or equipment;
  - 2.11.1.2 the maintenance of a record of any events which have, or might have, impacted on the condition of the site along with any further investigation or remediation work carried out; and
  - 2.11.1.3 the maintenance of a site closure plan to demonstrate that the installation can be decommissioned avoiding any pollution risk and returning the site of operation to a satisfactory state.
- 2.11.2 Notwithstanding condition 2.11.1 of this Permit, the Operator shall carry out a full review of the Site Closure Plan at least every 4 years.
- 2.11.3 The site closure plan shall be implemented on final cessation or decommissioning of the Permitted activities or part thereof.
- 2.11.4 The Operator shall give at least 30 days written notice to the Agency before implementing the site closure plan.

## 2.12 Multiple Operator installations

- 2.12.1 This is not a multi-Operator installation

## 2.13 Transfer to effluent treatment plant

- 2.13.1 Transfers to effluent treatment plant(s) shall occur only from the point(s) specified in Table 2.13.1 and transfers from those points shall arise only from the source(s) and shall be released only to the treatment plant(s) specified in that Table.

**Table 2.13.1 Transfer point(s) to effluent treatment plant(s)**

Transfer point description/ identifier (notional)	Source	Effluent Treatment Plant
E1	Surface drainage (Pumped from drain pit) that collects yard drainage	No.1
E2	Contaminated water from tanks 1,2 or 3	No. 1
E3	Contaminated water from petrol tank 4	No.1
E4	Contaminated water or effluent water from the sump pit within the bunded area.	No. 1

2.13.2 The limits for transfers to effluent treatment plant for the parameter(s) and transfer point(s) set out in Table 2.13.2 shall not be exceeded.

**Table 2.13.2 Limits for transfers to effluent treatment plant(s)**

Parameter	Transfer Point	Limit (Incl reference period)	Monitoring frequency	Monitoring Method
Flash point	Line from tank 4.	Shall not have a flash point equal to or less than 55 °C.	Spot sample per batch prior to transfer	Closed cup Flash Point test meter (or as otherwise agreed)

## 2.14 In-Process Controls Specified waste management operations

2.14.1 No waste management operations shall be authorised by this permit unless specified in and undertaken in accordance with the limitations in the following table; or otherwise required by the conditions of this permit as being an integral part of those operations;

### 3 Records

- 3.1 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:-
- 3.1.1 be made available for inspection by the Agency at any reasonable time;
  - 3.1.2 be supplied to the Agency on demand and without charge;
  - 3.1.3 be legible;
  - 3.1.4 be made as soon as reasonably practicable;
  - 3.1.5 indicate any amendments which have been made and shall include the original record wherever possible;
  - 3.1.6 be retained at the Permitted Installation, or other location agreed by the Agency in writing, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing; and
  - 3.1.7 where they concern the condition of the site of the Installation, be kept at the Permitted Installation, or other location agreed by the Agency in writing, until all parts of the Permit have been surrendered.

## 4 Reporting

- 4.1.1 All reports and written and or oral notifications required by this Permit and notifications required by Regulation 16 of the PPC Regulations shall be made or sent to the Agency using the contact details notified in writing to the Operator by the Agency.
- 4.1.2 The Operator shall, unless otherwise agreed in writing, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:-
  - 4.1.2.1 in respect of the parameters and emission points specified in Table S2 to Schedule 2;
  - 4.1.2.2 for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
  - 4.1.2.3 giving the information from such results and assessments as may be required by the forms specified in those Tables; and
  - 4.1.2.4 to the Agency within 28 days of the end of the reporting period.
- 4.1.3 The Operator shall submit to the Agency a report on the performance of the Permitted Installation over the previous year, by 31 January each year, providing the information listed in Tables S4.1 and S4.2 of Schedule 4, assessed at any frequency specified therein, and using the form specified in Table S3 to Schedule 3.
- 4.1.4 The Operator shall review fugitive emissions, having regard to the application of Best Available Techniques, on an annual basis, or such other period as shall be agreed in writing by the Agency, and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them within 3 months of the end of such period.
- 4.1.5 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.
- 4.1.6 The Operator shall, within 6 months of receipt of written notice from the Agency, submit to the Agency a report assessing whether all appropriate preventive measures continue to be taken against pollution, in particular through the application of the best available techniques, at the installation. The report shall consider any relevant published technical guidance current at the time of the notice which is either supplied with or referred to in the notice, and shall assess the costs and benefits of applying techniques described in that guidance, or otherwise identified by the Operator, that may provide environmental improvement.

## 5 Notifications

- 5.1.1 The Operator shall notify the Agency **without delay** of:-
- 5.1.1.1 the detection of an emission of any substance which exceeds any limit or criterion in this Permit specified in relation to the substance;
  - 5.1.1.2 the detection of any fugitive emission which has caused, is causing or may cause significant pollution unless the quantity emitted is so trivial that it would be incapable of causing significant pollution;
  - 5.1.1.3 the detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution; and
  - 5.1.1.4 any accident which has caused, is causing or has the potential to cause significant pollution.
- 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1, by sending:-
- 5.1.2.1 the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification; and
  - 5.1.2.2 the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;
- and such information shall be in accordance with that Schedule.
- 5.1.3 The Operator shall give written notification as soon as practicable prior to any of the following:-
- 5.1.3.1 permanent cessation of the operation of part or all of the Permitted Installation;
  - 5.1.3.2 cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
  - 5.1.3.3 resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition 5.1.4.2.
- 5.1.4 The Operator shall notify the Agency, as soon as reasonably practicable, of any information concerning the state of the Site which adds to that provided to the Agency as part of the Application or to that in the Site Protection and Monitoring Programme submitted under condition 4.1.7 of this Permit.
- 5.1.5 The Operator shall notify the following matters to the Agency in writing within 14 days of their occurrence:-
- 5.1.5.1 where the Operator is a registered company:-
    - any change in the Operator's trading name, registered name or registered office address;
    - any change to particulars of the Operator's ultimate holding company (including details of an ultimate holding company where an Operator has become a subsidiary)
    - any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up;
  - 5.1.5.2 where the Operator is a corporate body other than a registered company:
    - any change in the Operator's name or address;
    - any steps taken with a view to the dissolution of the Operator.

- 5.1.5.3 In any other case: -
- the death of any of the named Operators (where the Operator consists of more than one named individual);
  - any change in the Operator's name(s) or address(es);
  - any steps taken with a view to the Operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case them being in a partnership, dissolving the partnership;
- 5.1.6 Where the Operator has entered into a Climate Change Agreement with the Government, the Operator shall notify the Agency within one month of:-
- 5.1.6.1 a decision by the Secretary of State not to re-certify that Agreement.
- 5.1.6.2 a decision by either the Operator or the Secretary of State to terminate that agreement.
- 5.1.6.3 any subsequent decision by the Secretary of State to re-certify such an Agreement.
- 5.1.7 Where the Operator has entered into a Direct Participant Agreement in the Emissions Trading Scheme which covers emissions relating to the energy consumption of the activities, the Operator shall notify the Agency within one month of:-
- 5.1.7.1 a decision by the Operator to withdraw from or the Secretary of State to terminate that agreement.
- 5.1.7.2 a failure to comply with an annual target under that Agreement at the end of the trading compliance period.

## 6 Interpretation

6.1.1 In this Permit, the following expressions shall have the following meanings:-

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

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

"background concentration" means such concentration of that substance as is present in:

- water supplied to the site; or
- where more than 50% of the water used at the site is directly abstracted from ground or surface water on site, the abstracted water; or
- where the Permitted Installation uses no significant amount of supplied or abstracted water, the precipitation on to the site.

"BAT" means best available techniques means the most effective and advanced stage of development of activities and their methods of operation which indicates the practical suitability of particular techniques to prevent and where that is not practicable to reduce emissions and the impact on the environment as a whole. For these 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" and "techniques" "includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned." . In addition, Schedule 2 of the PPC Regulations has effect in relation to the determination of BAT.

"dangerous substances" means the same as the European Council Directive 67/548/EEC and amendments.

"Fugitive emission" means an emission to air or water (including sewer) from the Permitted Installation which is not controlled by an emission or background concentration limit under conditions 2.2.1.3, 2.2.2.4, 2.2.2.5, 2.2.2.8 or 2.2.2.9 of this Permit.

"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.

"Land Protection Guidance" means the version of the Agency guidance note "H7 - Guidance on the Protection of Land under the PPC Regime: Application Site Report and Site Protection and Monitoring Programme", including its appended templates for data reporting, which is current at the time of issue of the Permit.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

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

PCBs and PCTs means polychlorinated biphenyls, polychlorinated terphenyls and mixtures containing one or both substances.

**Interpretation**

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"Permitted Installation" means the activities and the limits to those activities described in Table 1.1.1 of this Permit.

"PPC Regulations" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 (as amended) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit save to the extent they are specifically defined in this Permit.

"Sewer" means sewer within the meaning of section 219(1) of the Water Industry Act 1991.

"Staff" includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors.

"Toxic and dangerous waste" has the meaning given in regulation 14 of the Waste Management Licensing Regulations 1994 (as amended)

"Year" means calendar year ending 31 December.

VOCs shall be as for total VOCs expressed as toluene.

Unless otherwise stated the date of this permit shall mean the original date of issue 14/10/2004.

- 6.1.2 Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.
- 6.1.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means:-
- 6.1.3.1 in relation to gases from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
  - 6.1.3.2 in relation to gases from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.
- 6.1.4 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 wording of the document(s) with the most recent date shall prevail to the extent of such conflict.



## Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

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

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

### Part A

Permit Number	
Name of Operator	
Location of Installation	
Location of the emission	
Time and date of the emission	

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place

Measures taken, or intended to be taken, to stop the emission	
---	--

### Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of L.I.S (North Western) Limited

## Schedule 2 - Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 and 4.1.3 of this Permit, are listed below.

**Table S2: Reporting of monitoring data**

Parameter	Emission point	Reporting period	Period begins	Notes
Chemical oxygen demand mg l <sup>-1</sup> (COD)	S1	Every 12 months	As per the date of this permit	
pH	S1	Every 12 months	As per the date of this permit	
Energy usage	Mains electricity supply point	Every 12 months	As per the date of this permit	
Waste disposal and/or recovery.		Every 12 months	As per the date of this permit	

Reports shall be submitted within 28 days. The first report shall be submitted for the year ending 2005.

## Schedule 3 - Forms to be used

Table S3: Reporting Forms		
Media / parameter	Form Number	Date of Form
Sewer	S2	As provided and as amended from time to time
Energy	E1	As provided and as amended from time to time
Waste Return	WMS1	As provided and as amended from time to time

## **Schedule 5 - Site Plan**

"Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationery Office ©Crown Copyright 2000. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings."

For the avoidance of doubt, the installation boundary is as per that shown in permit EP3835PU of the 14<sup>th</sup> October 2004.

END OF PERMIT

## Schedule 4 - Reporting of performance data

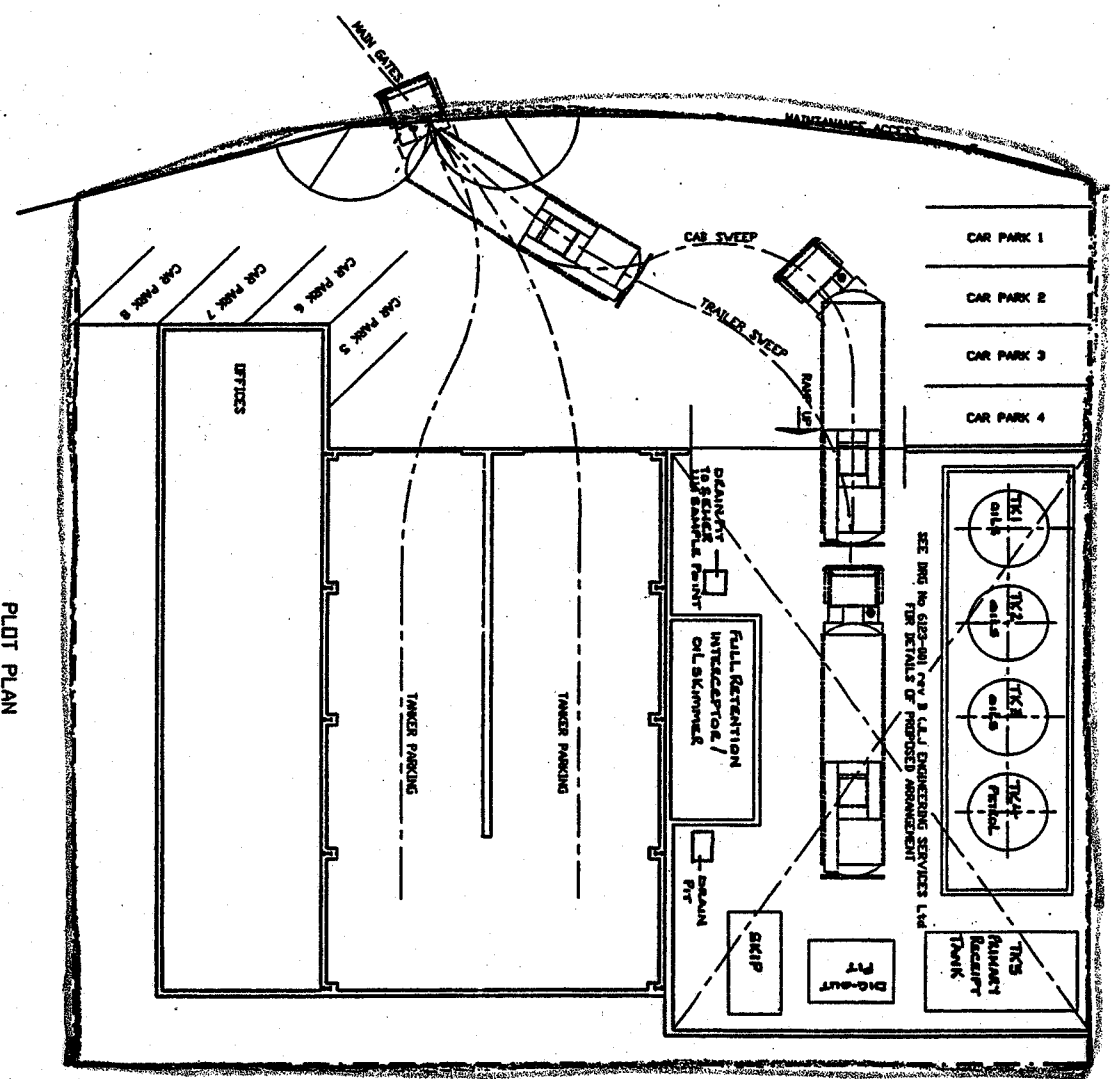
Data required to be recorded and reported by Condition 4.1.3. The data should be assessed at the frequency given and reported annually to the Agency.

Table S4.1: Annual Production/Treatment	
As per WMS1	

Table S4.2: Performance parameters		
Parameter	Frequency of assessment	Performance indicator
COD	Annually	COD/t

The first report shall be submitted for the year ending 2005

Schedule 5 site plan.



PLLOT PLAN

0 2m 4m 6m 8m 10m 12m 14m 16m 18m 20m

North	Revision	Date	Signature/Check
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L.J.S. NORTH WESTERN LTD.

Drawn	Quantity	Title/Rev.	Designation	Material	Dimension	etc.
Designed by	Checked by	Approved by - date	BUJ - 5/11/03	Plasmas	Date	Article No./Reference
<p>PROPOSED YARD LAYOUT</p> <p>Scale 1:50 at 1:1000</p> <p>DATE 20/11/03</p> <p>BY J.S. NORTH WESTERN LTD.</p>						



ENVIRONMENT  
AGENCY

# Variation Notice with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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LIS (North Western) Limited

Unit 20 Haydock Lane  
Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UY

Variation Notice Number  
KP3832XZ

Permit number  
EP3835PU

# LIS (North Western) Limited Permit Number EP3835PU

## Introductory note

### ***This introductory note does not form a part of the permit***

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended)) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

The purpose of this variation is to update the permit to the sector specific permit template. This template incorporates answers to questions within the sector specific application form which in turn link to compliance with the standards set out in the Sector Guidance Note S5.06 (SGN).

<b>Status Log of the permit</b>		
<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
Application EA/IPPC/EP3835PU	Received 26 March 2004	Dated and signed 24 March 2004
Application duly made	07 April 2004	-
Permit EP3835PU determined	14 October 2004	-
Application to vary permit BP3237SY	16 September 2005	Application to vary permit in two parts. Date validated
Variation BP3237SY determined	23 September 2005	Consolidated version of permit issued
Regulation 28 notice issued	08 November 2007	Request to complete part B2.1 of Part B form
Regulation 28 notice response received	08 February 2008	Response section B2.1 of Part B form
Variation KP3832XZ determined	15 July 2008	Update of permit

End of Introductory Note



Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Variation Notice

Permit number

**EP3835PU**

**Variation number KP3832XZ**

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

**LIS (North Western) Limited** ("the operator"),

whose registered office is

**322 Haydock Lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UY**

company registration number **3762932**

to operate an installation at

**Unit 20 Haydock lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UQ**

to the extent set out in schedules 1 to 3 of this variation notice.

The notice shall take effect from 15 July 08

Signed	Dat
	14 <sup>th</sup> July 2008

*Martin Jenkins*

Authorised to sign on behalf of the Agency

**SCHEDULE 1 – CONDITIONS TO BE DELETED**

1. All conditions and schedules are deleted.

**SCHEDULE 2 – CONDITIONS TO BE AMENDED**

1. None.

**SCHEDULE 3 – CONDITIONS TO BE ADDED**

1. The following conditions and schedules are added to the permit.

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The activities shall be managed and operated:

- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

### 1.2 Accidents that may cause pollution

1.2.1 The operator shall:

- (a) maintain and implement an accident management plan;
- (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by a review.

### 1.3 Energy efficiency

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures by a review.

### 1.4 Efficient use of raw materials

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;

- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any appropriate further measures identified by a review.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1. The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **1.6 Site security**

1.6.1. Site security measures shall prevent unauthorised access to the site, as far as practicable.

# **2. Operations**

## **2.1 Permitted activities**

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

2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

## **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

## **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.

2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

2.3.3 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 3 table S3.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

(c) it is only processed in the activity specified in Table S1.1 of Schedule 1.

2.3.4 Records shall be kept of all waste accepted onto the site.

2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:

- The nature of the process producing the waste
- The composition of the waste
- The handling requirements of the waste
- The hazard classification associated with the waste
- The waste code of the waste

2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Off-site conditions**

There are no off-site conditions under this section.

## **2.5 Improvement programme**

There is no improvement programme in this permit.

## **2.6 Pre-operational conditions**

There are no pre-operational conditions in this permit.

## **2.7 Closure and decommissioning**

2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.

2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.

2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **2.8 Site protection and monitoring programme**

2.8.1 The operator shall, within 2 months of the issue of this variation, submit a site protection and monitoring programme.

2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

## **3. Emissions and monitoring**

### **3.1 Emissions to water, air or land**

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.

3.1.2 The limits given in schedule 4 shall not be exceeded.

### **3.2 Transfers off-site**

3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

### **3.3 Fugitive emissions of substances**

3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.

3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.

3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **3.4 Odour**

3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

### **3.5 Noise and vibration**

3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

### **3.6 Monitoring**

3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:

- (a) point source emissions specified in tables S4.1, S4.2 and S4.3.

- 3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3. unless otherwise specified in that schedule.

## **4. Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) the site protection and monitoring programme.
- 4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.
- 4.1.3 All records required to be held by this permit shall be held on the installation and shall be available for inspection by the Agency at any reasonable time.

### **4.2 Reporting**

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
  - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
  - (c) the annual production /treatment data set out in schedule 5 table S5.2;
  - (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and

- (e) details of any contamination or decontamination of the site which has occurred.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
  - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
  - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

### **4.3 Notifications**

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit;
  - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the activities;
  - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.



- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
  - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

# Schedule 1 – Operations

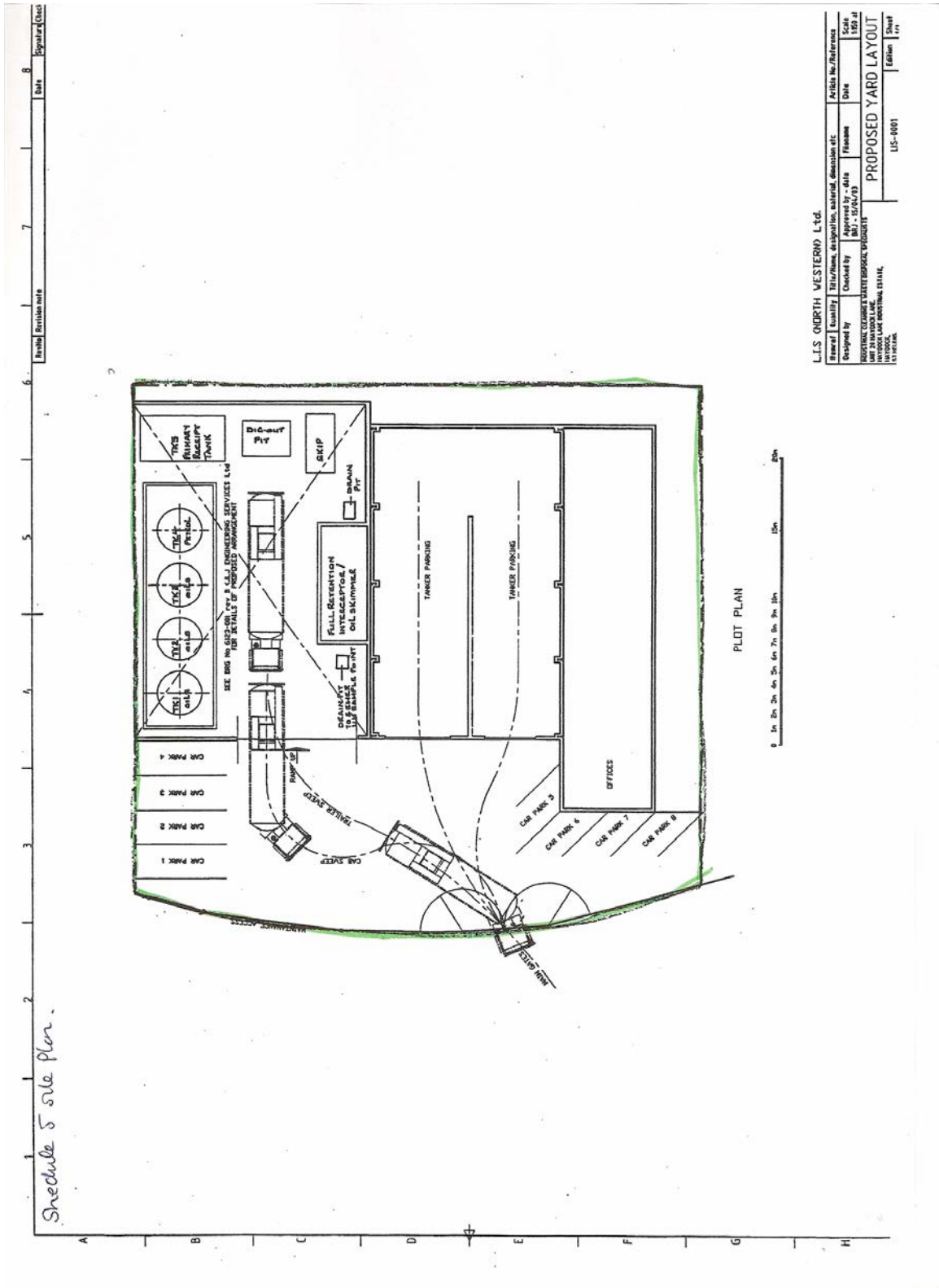
**Table S1.1 activities**

Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
5.3 A (1)(b): disposal of waste oils	R13 / D15 storage of waste oil pending separation. D9 / R3 phase separation including storage of wastes from separation.	Gravity separation and settlement of oil and water without the application of heat.  Waste types as specified in table S3.2.
5.4 A (1)(c)(vii)	R9 – oil refining and other reuses of oil.	Gravity separation and settlement of petrol and water without the application of heat.
<b>Directly Associated Activity</b>		
Road tanker washing and cleaning out	“Digging out” and Washing of road tankers.	Washing out of road tankers delivering waste to the site.
Vapour abatement	Activated carbon scrubbing.	As detailed within the application.
Discharge to foul sewer	Separation by gravity, activated carbon absorption, fine filtration, discharge of treated effluent.	Treatment of effluent to foul sewer.

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application and letter dated 19 July 2004 regarding all transfers to tanks 1, 2 and 3.	Details regarding passing vapours from non-petrol wastes to be passed through activated carbon.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004 regarding all transfers to and from tank 4.	Details regarding petrol handling being subject to vapour recovery.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004. Variation application 02 August 2005.	Details regarding – discharge of water via interceptor and, as necessary activated carbon, prior to discharge to foul sewer.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004.	Details regarding - Covering of dig out pit, at all times when no discharge or collection is taking place.	19 July 2004
Regulation 28 notice response	Response to Question B2.1 of the Part B application form excluding details of maximum capacity within the response to Question B2.1.11.	08 February 2008

# Schedule 2 - Site plan



## Schedule 3 - Waste types, raw materials and fuels

**Table S3.1 Raw materials and fuels**

Raw materials and fuel description	Specification	Date
None		

**Table S3.2 Permitted waste types and quantities**

<b>Maximum quantity</b>	Total Quantity of Waste shall not exceed 5,000 tonnes / year The quantities of waste stored at any one time shall not exceed the following Tank 4 – No more than 26,300 litres Primary receipt tank – No more than 30,000 litres Tanks 1, 2 and 3 – No more than 26,300 litres per tank
<b>Waste code</b>	<b>Description</b>
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>
<b>05 01</b>	<b>wastes from petroleum refining</b>
05 01 05*	oil spills
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 01</b>	<b>waste hydraulic oils</b>
13 01 13*	other hydraulic oils
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
<b>13 07</b>	<b>wastes of liquid fuels</b>
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
<b>19</b>	<b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>

**Table S3.2 Permitted waste types and quantities**

<b>Maximum quantity</b>	Total Quantity of Waste shall not exceed 5,000 tonnes / year The quantities of waste stored at any one time shall not exceed the following Tank 4 – No more than 26,300 litres Primary receipt tank – No more than 30,000 litres Tanks 1, 2 and 3 – No more than 26,300 litres per tank
<b>Waste code</b>	<b>Description</b>
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

## Schedule 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
None						

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
None						

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method
S1 – the sewerage inspection chamber	Chromium IV Copper Nickel Silver Zinc pH COD	Effluent treatment plant	1 mg/l either individual ly or in total  6.5 – 8.5  1500 mg/l	Prior to each batch discharge to foul sewer or otherwise as agreed in writing, in accordance with document reference 001 “Variation 1_To increase discharge consent to sewer” as submitted on the 2nd August 2005	Calibrated optical system or as otherwise agreed in writing.
E1 Transfer point to Effluent treatment plant No.1		Surface drainage (pumped from drain pit) that collects yard drainage			
E2 Transfer point to Effluent treatment plant No.1		Contaminated water from tanks 1, 2 or 3			
E3 Transfer point to Effluent treatment plant No.1	Flash point	Contaminated water from petrol tank 4	Shall not have a flash point equal to or less than 55 °C	Spot sample per batch prior to transfer	Closed cup flash point test meter (or as otherwise agreed)

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site—  
emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method
E4 Transfer point to Effluent treatment plant No.1		Contaminate d water or effluent water from the sump pit within the bunded area			

## Schedule 5 - Reporting

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

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer Parameters as required by condition 3.6.1	S1	Every 6 months	14/10/04

**Table S5.2 Annual production/treatment**

Parameter	Units
None	

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage	Annually	Tonnes
Energy usage	Annually	MWs
Total raw material used	Annually	Tonnes

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	14/10/04
Water usage	Form water usage1 or other form as agreed in writing by the Agency	14/10/04
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	14/10/04
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	14/10/04



# Schedule 6 - Notification

These pages outline the information that the operator must provide.

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

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

## Part A

Permit Number	<b>EP3835PU</b>
Name of operator	<b>LIS (North Western) Limited</b>
Location of Installation	<b>Unit 20 Haydock Lane Industrial Estate Haydock St Helens Merseyside WA11 9UQ</b>
Time and date of the detection	

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

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

Measures taken, or intended to be taken, to stop the emission	
---	--

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

**Part B - to be submitted as soon as practicable**

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of LIS (North Western) Limited

## Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*annually*" means once every year.

"*application*" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations.

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

"*disposal*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*emissions to land*" includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission limit.

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

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify/notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

"*relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*site protection and monitoring programme*" means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

"*technically competent management*" and "*technical competence*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*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.

“WFD” means Waste Framework Directive (75/442/EEC).

“year” means calendar year ending 31 December.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

END OF PERMIT

# Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

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LIS (North Western) Limited

Unit 20 Haydock Lane  
Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UQ

Variation notice number  
EPR/EP3835PU/V004

Permit number  
EPR/EP3835PU

# LIS (North Western) Limited

## Permit number EPR/EP3835PU

### Introductory note

***This introductory note does not form a part of the permit***

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

***Brief description of the changes introduced by this variation notice:***

The purpose of this variation is to amend the permit following an application by the Operator LIS (North Western) Limited. The changes made are as follows:

- Table S1.1. Addition of 'biological treatment' under Directly Associated Activities.
- Table S3.2. Yearly tonnage increased from 5000 tonnes to 25000 tonnes per annum.
- Table S3.2. References to maximum quantities of waste to be stored within Tanks T1 – T4 and primary receipt tank T5 removed.
- Table S3.2. Additional waste types added.
- Table S4.3. Emission limits removed.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

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

Status Log of the permit			
Detail		Date	Response Date
Application [EP3835PU]	EPR/EP3835PU/A001	Duly made 07/04/04	
Permit [EP3835PU]	EPR/EP3835PU/A001	Issued 25/11/04	
Application for variation [BP3237SY] (Application to vary permit in two parts)	EPR/EP3835PU/V002	Duly made 16/09/05	
Variation notice [BP3237SY] (Consolidated version of permit issued)	EPR/EP3835PU/V002	Issued 23/09/05	
EA led variation [KP3832XZ]	EPR/EP3835PU/V003	Regulation 28	08/11/07

		Notice issued 08/11/07	
Variation notice [KP3832XZ]	EPR/EP3835PU/V003	Issued 15/07/08	
Application for variation	EPR/EP3835PU/V004	Duly made 23/12/10	
Additional Information	EPR/EP3835PU/V004	Request date 20/01/11	16/02/11
Additional Information	EPR/EP3835PU/V004	Request date 22/03/11	22/03/11
Variation Notice	EPR/EP3835PU/V004	Issued 23/3/11	

End of Introductory Note

**Notice of variation**

Environmental Permitting  
(England and Wales) Regulations 2010

Permit number  
**EPR/EP3835PU**

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the permit as set out below.

**LIS (North Western) Limited** ("the operator"),  
whose registered office is

**322 Haydock Lane  
Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UY**

company registration number **3763932**

holds a permit to operate a regulated facility at

**Unit 20 Haydock Lane  
Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UQ**

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from 23/03/11

Name	Date
	23 March 2011

Anne Nightingale

Authorised on behalf of the Environment Agency



## **Schedule 1 - conditions to be deleted**

None.

## **Schedule 2 - conditions to be amended**

The following schedules and tables are amended as follows.

## Schedule 1 - Operations

**Table S1.1 activities**

<b>Activity listed in Schedule 1 of the PPC Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
5.3 A (1)(b). The disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	R13 / D15. Storage of waste oil pending separation. D9 / R3. Phase separation including storage of wastes from separation.	Gravity separation and settlement of oil and water without the application of heat.  Waste types as specified in table S3.2.
5.4 A (1)(c). Unless carried on as part of any other Part A activity, recovering hazardous waste in a plant with a capacity of more than 10 tonnes per day by means of the following operations:-  (vii) Oil re-refining or other reuses of oil (R9).	R9. Oil refining and other reuses of oil.	Gravity separation and settlement of petrol and water without the application of heat.  Waste types as specified in table S3.2.
<b>Directly Associated Activity</b>		
Washing and digging out of road tankers	D9: Removal of residues from tankers	Restricted to road tankers delivering waste to the site.
Vapour abatement	D9: Activated carbon scrubbing.	Activated carbon scrubbing of vapours arising during transfers to and from Tanks T1 – T4 and vapours arising from the effluent treatment plant.
Fine Filtration	D9: Fine filtration	Fine filtration of effluent within the effluent treatment plant.
Biological Treatment of non-hazardous waste	D8: Biological treatment	Biological treatment of effluent within the effluent treatment plant as detailed within section 2 of the response to the Schedule 5 notice received 16 February 2011.
Discharge to foul sewer.	D9: Discharge of treated effluent	Discharge of treated effluent from emission point S1 [as shown on the site plan within Schedule 2].

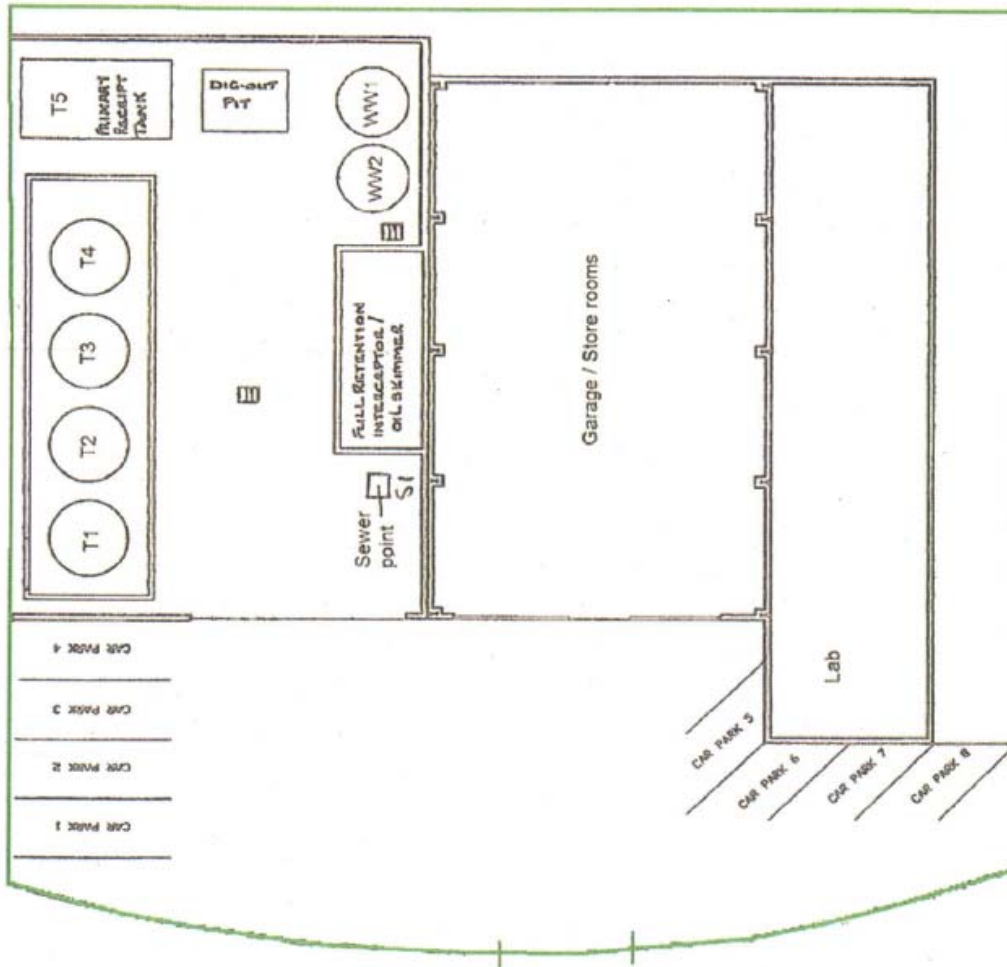
**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application and letter dated 19 July 2004 regarding all transfers to tanks 1, 2 and 3.	Details regarding passing vapours from non-petrol wastes to be passed through activated carbon.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004 regarding all transfers to and from tank 4.	Details regarding petrol handling being subject to vapour recovery.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004. Variation application 02 August 2005.	Details regarding – discharge of water via interceptor and, as necessary activated carbon, prior to discharge to foul sewer.	26 March 2004 and 19 July 2004
Application and letter dated 19 July 2004.	Details regarding - Covering of dig out pit, at all times when no discharge or collection is taking place.	19 July 2004
Regulation 28 notice response	Response to Question B2.1 of the Part B application form excluding details of maximum capacity within the response to Question B2.1.11.	08 February 2008
Variation application dated 13 October 2010 and supporting letter dated 28 September 2010.	Response to section C2 and C3 within the application form.	13 October 2010
Response to Schedule 5 notice received 16 February 2011.	Responses to questions 1, 2, 3, 6, 7 and 8.	16 February 2011

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	<p>A written report shall be submitted to the Environment Agency for approval which includes:</p> <ul style="list-style-type: none"> <li>• Twelve months of consecutive monthly monitoring data for emissions to sewer undertaken by United Utilities and assesses the compliance performance of the installation against the parameters specified in the Trade Discharge Consent issued by the Sewerage Undertaker; and</li> <li>• Twelve months of monitoring data for COD and temperature [as required by Table S4.3 of the permit] and assesses the effectiveness of the biological treatment process, detailed within the response to the Schedule 5 notice received 16 February 2011.</li> </ul>	31/3/12
IC2	<p>The Operator shall submit a revised environmental impact assessment, using the Environment Agency's H1 methodology (or other methodology agreed with the Environment Agency), which:</p> <ul style="list-style-type: none"> <li>• Evaluates the potential for impact arising from releases to sewer, utilising the emission data characterised under Improvement Condition IC1; and</li> <li>• An electronic copy of the H1 assessment (or equivalent assessment tool) shall be submitted to the Environment Agency for approval.</li> </ul> <p>The H1 assessment shall be used to review the emission limits and monitoring requirements specified in Table S4.3 of the permit.</p>	30/6/12

## Schedule 2 – Site plan



### Schedule 3 - Waste types, raw materials and fuels

<b>Table S3.2 Permitted waste types and quantities</b>	
<b>Maximum quantity</b>	Annual throughput: 25000 tonnes.
<b>Waste code</b>	<b>Description</b>
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>
<b>05 01</b>	<b>wastes from petroleum refining</b>
05 01 03*	tank bottom sludges
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
<b>08</b>	<b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INK</b>
<b>08 03</b>	<b>wastes from the manufacture of printing inks</b>
08 03 19*	Disperse oil
<b>08 04</b>	<b>wastes from the MFSU of adhesives and sealants (including waterproofing products)</b>
08 04 17*	rosin oil
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>
10 04 09*	wastes from cooling-water treatment containing oil
<b>10 05</b>	<b>wastes from zinc thermal metallurgy</b>
10 05 08*	wastes from cooling-water treatment containing oil
<b>10 06</b>	<b>wastes from copper thermal metallurgy</b>
10 06 08*	wastes from cooling-water treatment containing oil
<b>10 07</b>	<b>wastes from copper thermal metallurgy</b>
10 07 08*	wastes from cooling-water treatment containing oil
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>
10 08 19*	wastes from cooling-water treatment containing oil
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 19*	readily biodegradable machining oil
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 01</b>	<b>waste hydraulic oils</b>
13 01 05*	non-chlorinated emulsions
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>

**Table S3.2 Permitted waste types and quantities**

<b>Maximum quantity</b>	Annual throughput: 25000 tonnes.
<b>Waste code</b>	<b>Description</b>
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
<b>13 03</b>	<b>waste insulating and heat transmission oils</b>
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
<b>13 04</b>	<b>bilge oils</b>
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
<b>13 07</b>	<b>wastes of liquid fuels</b>
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01[Note 1]
<b>19</b>	<b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>
<b>19 02</b>	<b>wastes from physio/chemical treatments of waste (including dechromatation, decyanidation, neutralization)</b>
19 02 07*	oil and concentrates from separation

**Table S3.2 Permitted waste types and quantities**

<b>Maximum quantity</b>	Annual throughput: 25000 tonnes.
<b>Waste code</b>	<b>Description</b>
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 09	grease and oil mixture from oil/water separation containing only edible oils and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Note 1: See email dated 22 March 2011.

## Schedule 4 - Emissions and monitoring

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site—  
emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. Unit)</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 [Point S1 on site plan in Schedule 2]	COD	Effluent treatment plant	No limit set	Prior to each batch discharged to foul sewer	In accordance with M18 methodology [Note 1] or as otherwise agreed in writing with the Agency.
S1 [Point S1 on site plan in Schedule 2]	Temperature	Effluent treatment plant	Instantaneous	Prior to each batch discharged to foul sewer	Digital Thermometer
E1 Transfer point to Effluent treatment plant No.1	Contaminated Surface Water	Drain pit located within yard	No limit set	-	-
E2 Transfer point to Effluent treatment plant No.1	Separated Water	Bulk storage tanks T1, T2 and T3	No limit set	-	-
E3 Transfer point to Effluent treatment plant No.1	Flash point	Contaminated water from petrol tank T4	Shall not have a flash point equal to or less than 55 °C	Spot sample per batch prior to transfer	Closed cup flash point test meter or otherwise as agreed in writing by the Agency.

Note 1: Technical Guidance Note (Monitoring) M18. Monitoring of discharges to water and sewer. Available from [www.mcerts.com](http://www.mcerts.com)



## **Schedule 3 – conditions to be added**

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

## **Schedule 4 – amended plan**

The plan is amended as per Schedule 2 of the permit.

# Notice of variation and consolidation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

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LIS (North Western) Limited

Unit 20, Haydock Lane  
Haydock Lane Industrial Estate  
Haydock  
St Helens  
Merseyside  
WA11 9UY

Variation application number

EPR/EP3835PU/V005

Permit number

EPR/EP3835PU

# LIS (North Western) Limited, Unit 20, Haydock Lane

## Permit number EPR/EP3835PU

### Introductory note

#### **This introductory note does not form a part of the notice**

The following notice gives notice of the variation and consolidation of an environmental permit.

#### ***Brief description of the changes introduced by this variation notice:***

The purpose of this variation is to amend the permit following an application by the Operator LIS (North Western) Limited to allow the operation of an additional waste operation which removes cobalt from a cobalt rich oil stream. The changes made are as follows:

- Table S1.1 Addition of waste recovery activity which when operated removes cobalt from cobalt rich oil streams.
- Table S3.2. Yearly tonnage increased from 25,000 tonnes to 50,000 tonnes per annum;
- Table S3.2. References to maximum quantities of waste to be stored within Tanks T1 – T4 and primary receipt tank T5 removed;
- Table S3.2. Additional waste type added.

The following are Environment Agency initiated variations in response to the changes introduced by The Environmental Permitting (England and Wales) (Amendment) Regulations 2013:

- Condition 1.1.4 has been added to satisfy the Industrial Emissions Directive (IED) and the amended regulations;
- Condition 1.5.1 has been amended to bring it in line with the requirements of the Waste Framework directive and adds the additional duty of the consideration of the waste hierarchy;
- Condition 2.3.7 has been updated to the new wording in line with requirement of the Hazardous Waste Directive and the Waste Framework Directive;
- Condition 3.1.3 has been updated to reflect the additional monitoring requirement on the amended regulations;
- Condition 4.3 relating to notifications has been updated as a result of the requirements of the Industrial Emissions Directive (IED) and the amended regulations;
- Table S1.1 has been updated as a result of the requirements of the IED and the amended regulations.

In addition to the above variations the Environment Agency has set both improvement condition (IC3) and pre-operational conditions (PC1 and PC2) in the permit to ensure that the site is been constructed within the proposals specified

within the application and that it will be operated correctly and in line with Environment Agency guidance SGN5.06.

The schedules specify the changes made to the original conditions.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application received EPR/EP3835PU/A001	Duly made 07/04/2004	Application for waste oil transfer and treatment facility.
Permit determined EPR/EP3835PU	25/11/2004	Original permit issued LIS (North Western) Ltd.
Application to vary EPR/EP3835PU/V002 [PAS Ref: BP3232SY] (Application to vary permit in two parts)	Duly made 16/09/2005	Application to vary and update the permit to modern conditions.
Variation determined EPR/EP3835PU/V002	23/09/2005	Varied and consolidated permit issued.
Application to vary EPR/EP3835PU/V003 [PAS Ref: KP3832XZ] (EA Led variation)		Variation to update the conditions of permit.
Variation determined EPR/EP3835PU/V003	15/07/2008	Varied permit issued.
Application to vary EPR/EP3835PU/V004 [PAS Ref: HP33437ZN] (Application to vary permit in two parts)	Duly made 23/12/2010	The changes made are as follows: <ul style="list-style-type: none"> <li>• Table S1.1. Addition of 'biological treatment' under Directly Associated Activities.</li> <li>• Table S3.2. Increase in tonnage per annum.</li> <li>• Table S3.2. Maximum quantities of waste to be stored within Tanks T1 – T4 and primary receipt tank T5 removed.</li> <li>• Table S3.2. Additional waste types added.</li> <li>• Table S4.3. Emission limits removed.</li> </ul>
Additional information received	16/02/2011	
Additional information received	20/03/2011	
Variation determined EPR/EP3835PU/V004	23/03/2011	Varied permit issued.
Application to vary EPR/EP3835PU/V005 [PAS Ref: HP3437ZN]	Duly made 17/07/2013	Application to add in additional activity.
Additional information received	17/07/2013	Details of the plant, process and emissions.
Additional information received	30/07/2013	PID Drawing.

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
Additional information received	08/08/2013	Details of the plant, process and emissions. (Email)
Variation determined EPR/EP3835PU/V005	09/08/2013	Varied and consolidated permit issued as a separate document.

End of introductory note

## Notice of variation and consolidation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

**Permit number**  
**EPR/EP3835PU**

**issued to:**  
**LIS (North Western) Limited** (-the operator")

whose registered office is

**322 Haydock Lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UY**

company registration number 3762932

to operate a regulated facility at

**Unit 20, Haydock Lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UY**

to the extent set out in the schedules.

The notice shall take effect from 09/08/2013

Name	Date
<b>Thomas Ruffell</b>	<b>09/08/2013</b>

Authorised on behalf of the Environment Agency

### **Schedule 1 – conditions to be varied**

Only conditions 1.1 to 1.5, 2.1 to 2.8, 3.1 to 3.6, 4.1 to 4.6 and Schedule 1 to 7 have been varied by the consolidated permit ERP/EP3835PU;

- The following conditions were varied as a result of an Environment Agency initiated variation:  
Condition 1.4.1, 1.5.1(d), 2.3.7, 3.1.3 and 4.3.2.
- The following conditions were varied as a result of the application made by the operator:  
Conditions 1.1 to 1.5, 2.1 to 2.8, 3.1 to 3.6, 4.1 to 4.6 and Schedule 1 to 7.

### **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/EP3835PU**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3835PU/V005 authorising,

**LIS (North Western) Limited** (the operator)

whose registered office is

**322 Haydock Lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UY**

company registration number 3762932

to operate a regulated facility at

**Unit 20, Haydock Lane**  
**Haydock Lane Industrial Estate**  
**Haydock**  
**St Helens**  
**Merseyside**  
**WA11 9UY**

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

Name	Date
<b>Thomas Ruffell</b>	<b>09/08/2013</b>

Authorised on behalf of the Environment Agency



# Conditions

## 1 Management

### 1.1 General management

1.1.1 The activities shall be managed and operated:

- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

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

### 1.2 Accidents that may cause pollution

1.2.1 The operator shall:

- (a) maintain and implement an accident management plan;
- (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by a review.

### 1.3 Energy efficiency

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures by a review.

### 1.4 Efficient use of raw materials

1.4.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;

- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any appropriate further measures identified by a review.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1 The operator shall take appropriate measures to ensure that:

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

## **1.6 Site security**

1.6.1. Site security measures shall prevent unauthorised access to the site, as far as practicable.

# **2. Operations**

## **2.1 Permitted activities**

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

2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

## **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

## **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1 table S1.2, unless otherwise agreed in writing by the Agency.

2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 3 table S3.2; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
  - (c) it is only processed in the activity specified in Table S1.1 of Schedule 1.
- 2.3.4 Records shall be kept of all waste accepted onto the site.
- 2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:
- The nature of the process producing the waste
  - The composition of the waste
  - The handling requirements of the waste
  - The hazard classification associated with the waste
  - The waste code of the waste
- 2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

#### **Hazardous waste storage and treatment**

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

## **2.4 Off-site conditions**

There are no off-site conditions under this section.

## **2.5 Improvement programme**

- 2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.5.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **2.6 Pre-operational conditions**

- 2.6.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

## **2.7 Closure and decommissioning**

- 2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.
- 2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.

- 2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.
- 2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

## **2.8 Site protection and monitoring programme**

- 2.8.1 The operator shall, within 2 months of the issue of this variation, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

# **3. Emissions and monitoring**

## **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## **3.2 Transfers off-site**

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

## **3.3 Fugitive emissions of substances**

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.
- 3.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.4 Odour**

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the odour.

## **3.5 Noise and vibration**

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

## **3.6 Monitoring**

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:

(a) point source emissions specified in tables S4.1, S4.2 and S4.3.

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

- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.

- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3. unless otherwise specified in that schedule.

# **4. Information**

## **4.1 Records**

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

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) the site protection and monitoring programme.

4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

4.1.3 All records required to be held by this permit shall be held on the installation and shall be available for inspection by the Agency at any reasonable time.

## 4.2 Reporting

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

- (a) a review of the results of the monitoring and assessment carried out in accordance with this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
- (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
- (c) the annual production /treatment data set out in schedule 5 table S5.2;
- (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
- (e) details of any contamination or decontamination of the site which has occurred.

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

- (a) in respect of the parameters and emission points specified in schedule 5 table S5.1;
- (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.

4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

## 4.3 Notifications

4.3.1 The Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit;
- (c) any significant adverse environmental effects.

Conditions 4.3.2 and 4.3.3 are amended so that they apply to waste operations, not subject to the Industrial Emissions Directive, only.

- 4.3.2 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
- (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.3 Any information provided under condition 4.3.1, 4.3.2(a)(i), or 4.3.2 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.
- 4.3.4 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the activities;
  - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
  - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
  - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.8 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.9 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.10 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.11 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
  - (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.



# Schedule 1 – Operations

<b>Table S1.1 activities</b>		
<b>Activity listed in Schedule 1 of the PPC Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
5.3 A (1)(a)(ii): physical-chemical treatment of waste oils	D9 / R3 phase separation including storage of wastes from separation.	<p>Gravity separation and settlement of oil and water without the application of heat.</p> <p>Waste types as specified in table S3.2.</p> <p>Maximum annual throughput 50,000 tonnes of the waste types as specified in table S3.2. for this activity and the maximum through annual through put of 50,000 tonnes only.</p>
5.6 A(1) (a) Storage of hazardous waste for recovery or disposal	R13 / D15 storage of waste oil pending separation.	<p>Storage of waste oils prior to processing.</p> <p>Waste types as specified in table S3.2.</p> <p>Maximum annual throughput 50,000 tonnes of the waste types as specified in table S3.2. for this activity and the maximum through annual through put of 50,000 tonnes only</p>
5.3 A (1)(a)(x) – oil re-refining or other reuses of oil	R9 – oil refining and other reuses of oil.	<p>Gravity separation and settlement of petrol and water without the application of heat.</p> <p>Waste types and quantities as specified in table S3.2.</p> <p>Maximum annual throughput 50,000 tonnes of the waste types as specified in table S3.2. for this activity and the maximum through annual through put of 50,000 tonnes only.</p>

**Table S1.1 activities**

<b>Activity listed in Schedule 1 of the PPC Regulations</b>	<b>Description of specified activity and WFD Annex IIA and IIB operations</b>	<b>Limits of specified activity and waste types</b>
5.3A (1)(a)(x) – oil re-refining or other reuses of oil (waste oil treated by nitric acid)	R9 – oil refining and other reuses of oil.	Treatment of waste oil with nitric acid to recover cobalt salts and neutralisation of treated oil to pH 7 to 10 (if necessary).  Maximum annual throughput 50,000 tonnes of the waste types as specified in table S3.2. for this activity and the maximum through annual through put of 50,000 tonnes only.
<b>Directly Associated Activity</b>		
Washing and digging out of road tankers	D9: Removal of residues from tankers	Restricted to road tankers delivering waste to the site.
Vapour abatement	D9: Activated carbon scrubbing.	Activated carbon scrubbing of vapours arising during transfers to and from Tanks T1 – T4 and vapours arising from the effluent treatment plant.
Fine Filtration	D9: Fine filtration	Fine filtration of effluent within the effluent treatment plant.
Biological Treatment of non-hazardous waste	D8: Biological treatment	Biological treatment of effluent within the effluent treatment plant as detailed within section 2 of the response to the Schedule 5 notice received 16 February 2011.
Discharge to foul sewer.	D9: Discharge of treated effluent	Discharge of treated effluent from emission point S1 [as shown on the site plan within Schedule 2].

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application and letter dated 19 July 2004 regarding all transfers to tanks 1, 2 and 3.	Details regarding passing vapours from non-petrol wastes to be passed through activated carbon.	26/03/2004 and 19/07/2004
Application and letter dated 19 July 2004 regarding all transfers to and from tank 4.	Details regarding petrol handling being subject to vapour recovery.	26/03/2004 and 19/07/2004
Application and letter dated 19 July 2004. Variation application 02 August 2005.	Details regarding – discharge of water via interceptor and, as necessary activated carbon, prior to discharge to foul sewer.	26/03/13 and 19/07/2004
Application and letter dated 19 July 2004.	Details regarding - Covering of dig out pit, at all times when no discharge or collection is taking place.	19/07/2004
Regulation 28 notice response	Response to Question B2.1 of the Part B application form excluding details of maximum capacity within the response to Question B2.1.11.	08/02/2008
Variation application dated 13 October 2010 and supporting letter dated 28 September 2010.	Response to section C2 and C3 within the application form.	13/10/2010
Response to Schedule 5 notice received 16 February 2011.	Responses to questions 1, 2, 3, 6, 7 and 8.	16/02/2011
Application and supporting documents dated xx/05/2013	Response to questions of application Part B2, C2, and C3 of application form.	
Additional Information supplied	Details of the reclamation process	23/04/2013
Additional information supplied	Details of the plant and emissions	17/07/2013
Additional information supplied	PID Drawing	30/07/2013
Additional Information supplied	Details of the reclamation process	08/08/2013

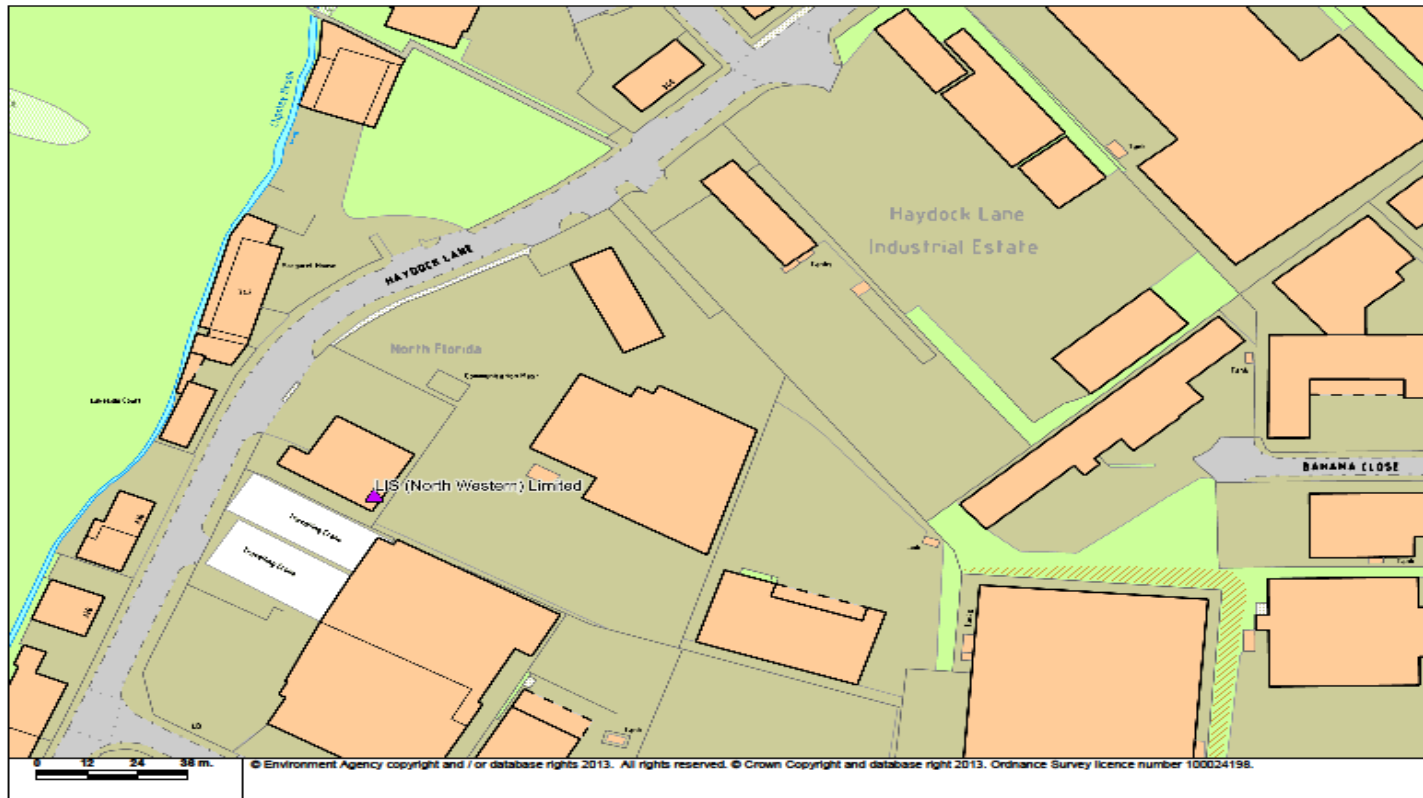
**Table S1.3 Improvement programme requirements**

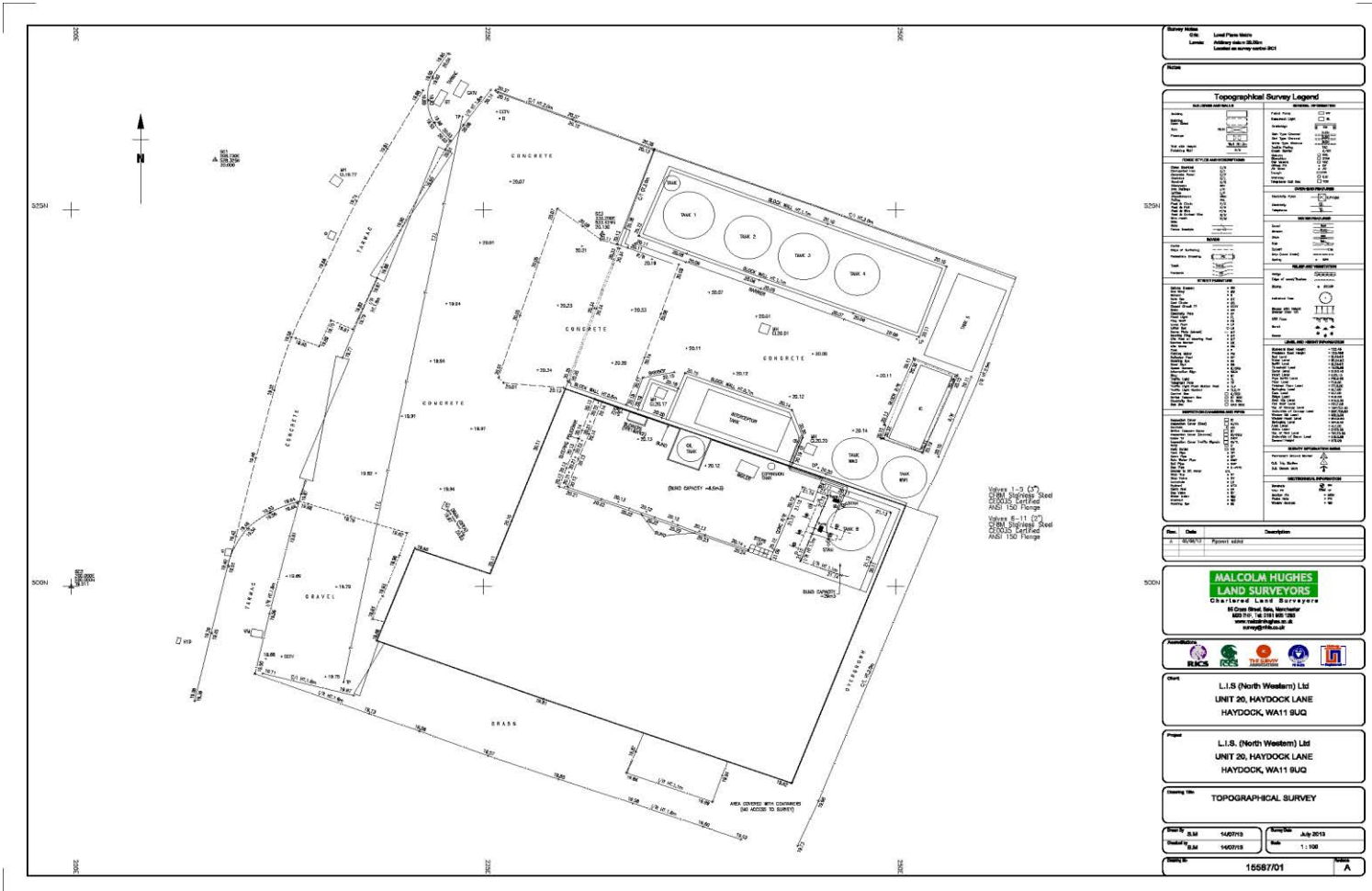
Reference	Requirement	Date
IC3	<p>The operator shall submit a written post-commissioning report for the Nitric Acid/Waste Oil treatment activity to the Environment Agency which shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>a review of performance of the facility against the conditions of this permit.</li> <li>details of procedures developed during commissioning for achieving and demonstrating satisfactory process control and covering the range of designed operating rates.</li> </ul>	Within 1 month of commissioning

**Table S1.4 Pre-operational measures**

<b>Reference</b>	<b>Pre-operational measures</b>
PC1	At least 2 weeks before full operation (i.e. the trial has been completed) the operator shall submit a letter to the Environment Agency demonstrating that the necessary procedures are in place for the operation of the waste oil with nitric acid to recover cobalt salts treatment activity and that staff have received the necessary training.
PC2	<p>Prior to the commencement of commissioning of the waste oil with nitric acid to recover cobalt salts treatment activity, the Operator shall provide a written commissioning plan for approval by the Environment Agency. The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"><li>• the expected emissions to the environment during the different stages of commissioning,</li><li>• details of connection to extraction system,</li><li>• details of pressure testing of pipe work etc,</li><li>• the expected durations of commissioning activities and estimated timeline for completion, and</li><li>• the actions to be taken to protect the environment and report to the Environment Agency in the event that actual emissions exceed expected emissions.</li></ul> <p>Commissioning shall be carried out in accordance with the commissioning plan as approved.</p>

## Schedule 2 - Site plan





## Schedule 3 - Waste types, raw materials and fuels

**Table S3.1 Raw materials and fuels**

Raw materials and fuel description	Specification	Date
Nitric Acid (40%)	Product, as agreed in writing with Environment Agency	
Sodium Hydroxide	Product or Flake/powdered or as agreed in writing with the Environment Agency	

**Table S3.2 Permitted waste types and quantities**

Maximum quantity	Annual throughput: 50,000 tonnes.	
Waste code	Description	
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>	
<b>05 01</b>	<b>wastes from petroleum refining</b>	
05 01 03*	tank bottom sludges	
05 01 05*	oil spills	
05 01 06*	oily sludges from maintenance operations of the plant or equipment	
<b>07</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>	
<b>07 01</b>	<b>wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals</b>	
07 01 08*	other still bottoms and reaction residues	
<b>08</b>	<b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INK</b>	
<b>08 03</b>	<b>wastes from the manufacture of printing inks</b>	
08 03 19*	Disperse oil	
<b>08 04</b>	<b>wastes from the MFSU of adhesives and sealants (including waterproofing products)</b>	
08 04 17*	rosin oil	
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>	
<b>10 04</b>	<b>wastes from lead thermal metallurgy</b>	
10 04 09*	wastes from cooling-water treatment containing oil	
<b>10 05</b>	<b>wastes from zinc thermal metallurgy</b>	
10 05 08*	wastes from cooling-water treatment containing oil	
<b>10 06</b>	<b>wastes from copper thermal metallurgy</b>	
10 06 08*	wastes from cooling-water treatment containing oil	
<b>10 07</b>	<b>wastes from copper thermal metallurgy</b>	
10 07 08*	wastes from cooling-water treatment containing oil	
<b>10 08</b>	<b>wastes from other non-ferrous thermal metallurgy</b>	
10 08 19*	wastes from cooling-water treatment containing oil	
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>	

**Table S3.2 Permitted waste types and quantities**

<b>Maximum quantity</b>	
	Annual throughput: 50,000 tonnes.
<b>Waste code</b>	<b>Description</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 19*	readily biodegradable machining oil
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 01</b>	<b>waste hydraulic oils</b>
13 01 05*	non-chlorinated emulsions
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
<b>13 02</b>	<b>waste engine, gear and lubricating oils</b>
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
<b>13 03</b>	<b>waste insulating and heat transmission oils</b>
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
<b>13 04</b>	<b>bilge oils</b>
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
<b>13 05</b>	<b>oil/water separator contents</b>
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
<b>13 07</b>	<b>wastes of liquid fuels</b>
13 07 01*	fuel oil and diesel
13 07 02*	Petrol
13 07 03*	other fuels (including mixtures)
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicle maintenance (except 13, 14, 16 06 and 16</b>



**Table S3.2 Permitted waste types and quantities**

Annual throughput: 50,000 tonnes.	
Maximum quantity	
Waste code	Description
	<b>08)</b>
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01[Note 1]
<b>19</b>	<b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>
<b>19 02</b>	<b>wastes from physio/chemical treatments of waste (including dechromatation, decyanidation, neutralization)</b>
19 02 07*	oil and concentrates from separation
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 09	grease and oil mixture from oil/water separation containing only edible oils and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
<b>19 13</b>	<b>wastes from soil and groundwater remediation</b>
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Note 1: See email dated 22 March 2011.

## Schedule 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1- pressure release vent	None	Treatment tank 8	None	None	None	None

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
None						

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method
S1 – the sewerage inspection chamber	COD	Effluent treatment plant	No limit set	Prior to each batch discharge to foul sewer	In accordance with M18 methodology [Note 1] or as otherwise agreed in writing with the Agency
S1 [Point S1 on site plan in Schedule 2]	Temperature	Effluent treatment plant	Instantaneous	Prior to each batch discharged to foul sewer	Digital Thermometer
E1 Transfer point to Effluent treatment plant No.1	Contaminated surface Water	Drain pit located within yard	No limit set	–	–
E2 Transfer point to Effluent treatment plant No.1	Separated Water	Bulk storage tanks T1, T2 and T3	No limit set	–	–
E3 Transfer point to Effluent treatment plant No.1	Flash point	Contaminated water from petrol tank 4	Shall not have a flash point equal to or less than 55 °C	Spot sample per batch prior to transfer	Closed cup flash point test meter (or as otherwise agreed)

Note 1: Technical Guidance Note (Monitoring) M18. Monitoring of discharges to water and sewer. Available from [www.mcerts.com](http://www.mcerts.com)

## Schedule 5 - Reporting

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

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer Parameters as required by condition 3.6.1	S1	Every 6 months	14/10/04

**Table S5.2 Annual production/treatment**

Parameter	Units
None	

**Table S5.3 Performance parameters**

Parameter	Frequency of assessment	Units
Water usage	Annually	Tonnes
Energy usage	Annually	MWs
Total raw material used	Annually	Tonnes

**Table S5.4 Reporting forms**

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	14/10/04
Water usage	Form water usage1 or other form as agreed in writing by the Agency	14/10/04
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	14/10/04
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	14/10/04

# Schedule 6 - Notification

These pages outline the information that the operator must provide.

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

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

## Part A

Permit Number	<b>EP3835PU</b>
Name of operator	<b>LIS (North Western) Limited</b>
Location of Installation	<b>Unit 20 Haydock Lane Industrial Estate Haydock St Helens Merseyside WA11 9UQ</b>
Time and date of the detection	

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

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

Measures taken, or intended to be taken, to stop the emission	
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

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

### Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of the Operator

## Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*annually*" means once every year.

"*application*" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations.

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

"*disposal*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*emissions to land*" includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission limit.

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

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify/notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

"*relevant person*" and "*relevant conviction*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*site protection and monitoring programme*" means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

"*technically competent management*" and "*technical competence*" shall have the meanings given to them in the Environmental Protection Act 1990.

"*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.

“WFD” means Waste Framework Directive (75/442/EEC).

“year” means calendar year ending 31 December.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

END OF PERMIT