



ENVIRONMENT  
AGENCY

## Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Parkwood Springs Oil Recovery  
Facility

Frogson Waste Management Limited  
21 Douglas Road  
Parkwood Springs  
Sheffield  
South Yorkshire  
S3 9SA

Permit number  
WP3731MH

# Parkwood Springs Oil Recovery Facility

## Permit Number WP3731MH

### Introductory note

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

The main features of the installation are as follows.

The site operates a waste oil treatment and transfer station. Prior to the issue of this permit the site was operated in accordance with Waste Management Licence Number WD20 S655 and subsequent modifications. Operations carried out in the treatment plant involve the following:

- Receipt, transfer, bulking up and storage of waste oils and oil-contaminated waters delivered in drums, IBCs and in bulk via tanker.
- Physical treatment by filtration and gravity separation to divide the wastes into recovered 'wet oils', 'reusable oils', solids and waste water.
- Bulk storage of treated oils
- Ultra-filtration of the waste water before discharge as a trade effluent to sewer.

In addition to the operations described above, the installation also includes the following activities:

- Bulk storage of third party waste oil collections in Tank 6 prior to transfer for processing at an appropriately licensed site.
- Collection and storage of oil contaminated wastes, such as used absorbents, oil filters or those that cannot be treated by gravity separation, prior to transfer to an appropriately licensed hazardous waste facility.
- Crushing of empty or nominally empty metal drums and containers.

The PPC Permit will supersede provisions in the Waste Management Licence for the regulation of these activities. The activities that are not regulated by the PPC Regulations, and do not constitute activities that are directly associated to the stationary technical unit, will continue to be regulated by the Waste Management Licence. These activities include the bulking, storage, handling and export of oil contaminated solids.

The installation has the capacity to store more than 10 tonnes per day of hazardous waste, pending the operations listed in Annex IIA to Council Directive 75/442/EEC. In addition the waste treatment methods carried out on site result in mixtures which are discarded by means of any of the same operations listed in the above Annex.

Bunded Tank Farm F contains fourteen 50 m<sup>3</sup> upright storage tanks and three 25 m<sup>3</sup> surface mounted reception tanks. Improvement conditions have been included in the permit with respect to bunding, hardstanding and containment.

Breathing and displacement emissions from the tanks to atmosphere are made via three manifolds (A1-A3). Treated trade effluent is discharge to sewer (S1), which is then treated at the Blackburn Meadows sewage treatment works, which is operated by Yorkshire Water. Spring water from the Parkwood Spring is captured in the Yorkshire Water storm drains (W1), which are connected to the River Don.

The installation is located at Douglas Road, Parkwood Springs in Sheffield, South Yorkshire. The centre of the site is situated at National Grid Reference SK 3481 8890 and covers a total area of approximately 1,200 m<sup>2</sup>. The site lies approximately 2km to the north-north-west of Sheffield city centre. The area is predominantly industrial, with land-uses bounding the site including a gasometer, and engineering/manufacturing companies. The nearest residential properties are just over 0.5km to the south-east. An area of open space lies within 200 m to the north, used for recreational purposes. The nearest European Habitats sites are the Peak District Moors SPA and South Pennine Moors SAC, both 8 km to the west of the site. Two Sites of Special Scientific Interest are located within 2 km of the site and are designated for their geological features. Assessment by the Agency has indicated that emissions from the installation are unlikely to have a significant impact on any of the designated sites.

The operator's externally certified quality management system includes procedures to manage and control operations. The management system will be regularly reviewed by the Operator to ensure the management and control procedures on site are kept up to date. The operation is not a participant to a Climate Change Levy Agreement or Direct Participant Agreement and does have an emissions trading permit.

Noise and odour are not considered to be an issue for this particular installation.

<b>Status Log of the permit</b>		
<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
Application WP3731MH	Duly made 31/01/07	
Additional Information Received	Requested 23/04/07	Received 19/06/07
Additional Information Received	Requested 14/08/07	Received 29/08/07
Permit issued	28/09/07	

<b>Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation</b>			
<b>Holder</b>	<b>Reference Number</b>	<b>Date of Issue</b>	<b>Fully or Partially Superseded</b>
Frogsons Waste Oils Limited	WD20 S655 Waste management licence	24/12/99	Partially

The waste management licence shall cease to have effect if and to the extent that treatment, keeping or disposal of waste authorised by the licence is authorised by this permit.

<b>Other existing Licences/Authorisations/Registrations relating to this site</b>		
<b>Holder</b>	<b>Reference Number</b>	<b>Date of issue</b>
Frogsons Waste Oils Limited	WD20 S655 (R13, Segregation of scrap metals)	24/12/99

End of Introductory Note

**Permit**

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Permit

Permit number

**WP3731MH**

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

**Frogson Waste Management Limited** ("the operator"),

whose registered office is

**20-25 Douglas Road  
Parkwood Springs  
Sheffield  
South Yorkshire  
S3 9SA**

company registration number **1750158**

to operate an installation at

**Parkwood Springs Oil Recovery Facility  
21 Douglas Road  
Parkwood Springs  
Sheffield  
South Yorkshire  
S3 9SA**

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

Signed

Date

	28/09/2007
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Mr P. Butler

Authorised to sign on behalf of the 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.

### 1.2 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 identified 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(s) S3.2 , S3.3, S3.4, S3.5, S3.6, S3.7, S3.8 and S3.9.
  - (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 Installations 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**

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

## **2.6 Pre-operational conditions**

- 2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table 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 permit, 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, S4.3 and S4.4.

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 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, S4.3 and S4.4.;

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, S4.3 and S4.4.unless otherwise specified in that schedule.
- 3.6.5 Within 6 months of the issue of this permit (unless otherwise agreed in writing by the Agency) the site reference data identified in the site protection and monitoring programme shall be collected and submitted to the Agency.

## **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 on-site 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) 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

<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>
Section 5.3 A(1)(b)	Bulk storage, treatment, disposal and recovery by D9 Physico-chemical treatment of wastes; and D13 Blending of separated fractions from D9; and D15 Storage of wastes pending disposal; and R13 Storage of wastes pending recovery	From receipt of wastes in bulk to the despatch of waste oil, the discharge of water to sewer and the disposal of waste arising, and including gravity separation and filtration, to a maximum throughput of 82,000 tonnes/year. Limited to the wastes defined in Schedule 3, Table 3.2
Section 5.3 A(1)(b)	Storage, treatment, disposal and recovery of containerised waste by D15 Storage of wastes pending disposal; and R13 Storage of wastes pending recovery	Includes receipt of wastes in containers, repackaging and bulking up, to a maximum throughput of 10,500 tonnes/year. Only the waste types defined in Schedule 3, Table S3.3.
Section 5.3 A(1)(a)	R13 Storage of waste pending recovery	Collection and storage of oil contaminated wastes that cannot be treated at the installation prior to transfer off-site, to a maximum throughput of 5,000 tonnes/year. Only the waste types specified in Table S3.4
<b>Directly Associated Activity</b>		
Drum crushing	D9 Physical treatment of hazardous waste by crushing in the drum area	Waste types to be as specified in Schedule 3 Table S3.3



**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC3	<p>The Operator shall develop a written programme for the inspection and maintenance of the installation drainage systems, including the interceptor and those within bunded areas, and shall incorporate but not be limited to the removal of obstructions.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the programme.</p> <p>The programme shall be implemented by the Operator from the date of approval in writing by the Agency.</p>	01/04/08
IC4	<p>The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.3 of Sector Guidance Note S5.06, December 2004 to cover waste storage, including but not limited to:</p> <ul style="list-style-type: none"> <li>▪ Storage of drummed and containerised wastes</li> <li>▪ Bulk storage</li> <li>▪ Bulking and transfer into bulk storage</li> </ul>	01/07/08
IC5	<p>The operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard.</p> <p>A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Environment Agency</p>	01/10/08
IC6	<p>The Operator shall submit a report to the Agency demonstrating whether the composite water sampler used for the collection of samples on S1 meets with the requirements given in the MCERTs document 'Continuous water monitoring equipment part 1: Performance Standards and conformity testing procedures for automatic waste water sampling equipment version 1, February 2003'. The report shall include an assessment of the flow meters performance with the criteria given in the standard, and where these are not met, proposals and timescales required to achieve the standard.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the programme.</p> <p>The programme shall be implemented by the Operator from the date of approval in writing by the Agency.</p>	01/01/09
IC7	<p>The Operator shall develop a written Site Closure Plan having regard to the requirements set out in Section 2.11 of the Agency Guidance Note IPPC S5.06. A written summary of the plan shall be submitted to the Agency for approval.</p>	01/04/09

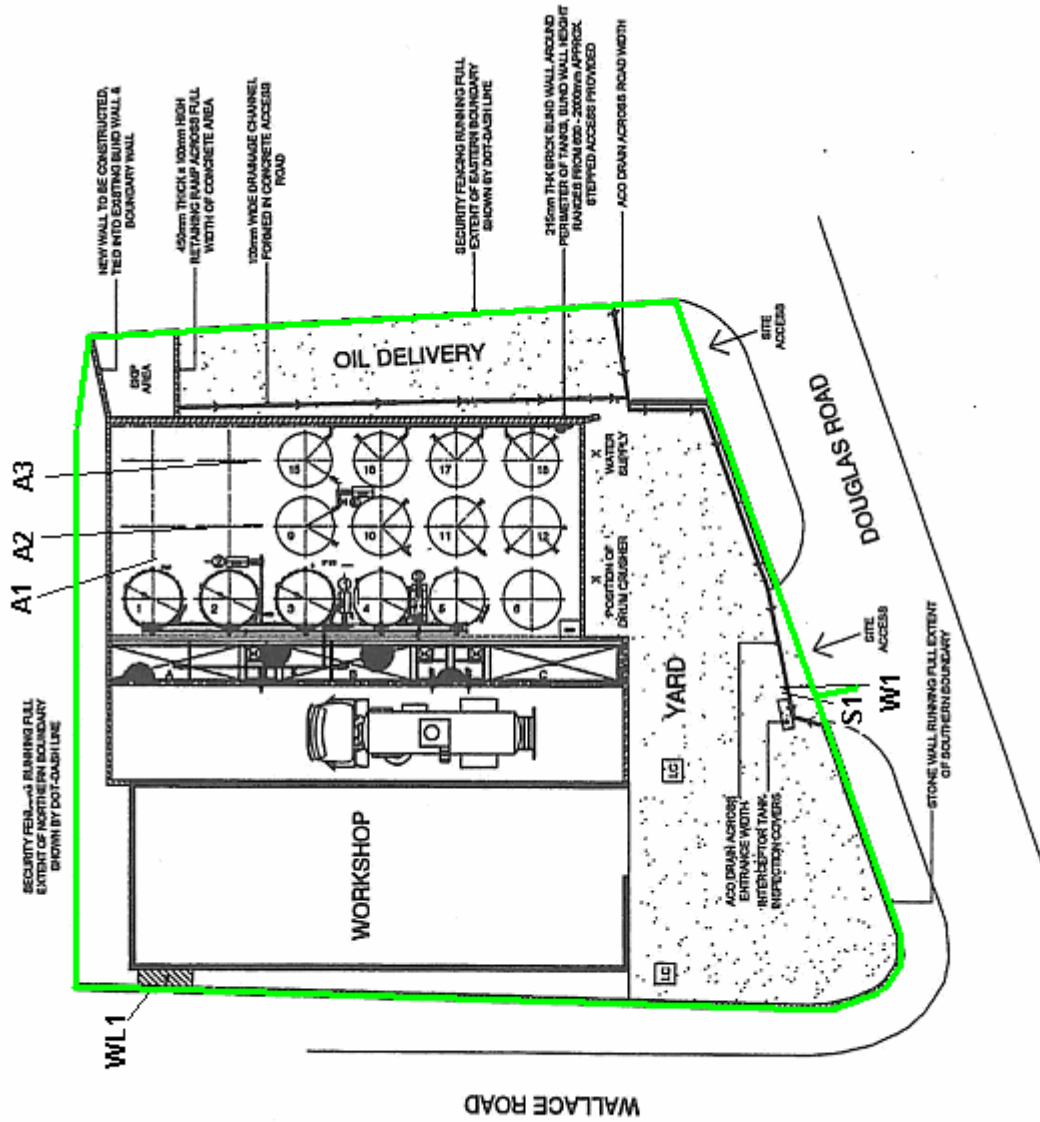
**Table S1.4 Pre-operational measures for future development**

Reference	Operation	Pre-operational measures
1	Acceptance of insulating or heat transmission oils containing PCBs (13 03 01*)	Prior to acceptance of such wastes in excess of 50ppm PCB, the Operator shall produce and implement written procedures for the storage of such wastes.

**Table S1.5 Appropriate measures for drum cleaning, crushing, cutting and shredding**

Measure	Dates
<p>The Operator shall review in writing the effectiveness of the existing infrastructure used to control emissions to water, groundwater and sewer from drum crushing against the requirements of Section 2.1.13 of Sector Guidance Note S5.06, December 2004. The review shall include proposals and timescales for the improvements required to achieve the standard. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the programme.</p> <p>The programme shall be implemented by the Operator from the date of approval in writing by the Agency.</p>	01/04/08

# 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
-	-

**Table S3.2 Permitted waste types and quantities for bulk storage, treatment and disposal/recovery**

Maximum quantity	82,000 tonnes/year
Waste code	Description
07 01 01*	Aqueous washing liquids and mother liquors
07 01 04*	Other organic solvents, washing
07 02 01*	Aqueous washing liquids and mother liquors
07 02 04*	Other organic solvents, washing liquids and mother liquors
07 03 01*	Aqueous washing liquids and mother liquors
07 03 04*	Other organic solvents, washing liquids and mother liquors
07 04 01*	Aqueous washing liquids and mother liquors
07 04 04*	Other organic solvents, washing liquids and mother liquors
07 05 01*	Aqueous washing liquids and mother liquors
07 05 04*	Other organic solvents, washing liquids and mother liquors
07 06 01*	Aqueous washing liquids and mother liquors
07 06 04*	Other organic solvents, washing liquids and mother liquors
07 07 01*	Aqueous washing liquids and mother liquors
07 07 04*	Other organic solvents, washing liquids and mother liquors
08 03 08	Aqueous liquid waste containing ink
08 03 18	Waste printing toner other than those mentioned in 08 03 17
08 04 15*	Aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
09 01 01*	Water-based developer and activator solutions
09 01 02*	Water-based offset plate developer solutions
09 01 03*	Solvent-based developer solutions
09 01 04*	Fixer solutions
09 01 05*	Bleach solutions and bleach fixer solutions
10 01 26	Wastes from cooling-water treatment
10 02 11*	Wastes from cooling-water treatment containing oil
10 03 27*	Wastes from cooling-water treatment containing oil
10 03 28	Wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04 09*	Wastes from cooling-water treatment containing oil
10 04 10	Wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05 08*	Wastes from cooling-water treatment containing oil
10 06 09*	Wastes from cooling-water treatment containing oil
10 06 10	Wastes from cooling-water treatment other than those mentioned in 10 06 09

**Table S3.2 Permitted waste types and quantities for bulk storage, treatment and disposal/recovery**

<b>Maximum quantity</b>	<b>82,000 tonnes/year</b>
<b>Waste code</b>	<b>Description</b>
10 07 07*	Wastes from cooling-water treatment containing oil
10 07 08	Wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08 19*	Wastes from cooling-water treatment containing oil
11 01 13*	Degreasing wastes containing dangerous substances
11 01 14	Degreasing wastes other than those mentioned in 11 01 13
12 01 07*	Mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	Machining emulsions and solutions free of halogens
12 01 10*	Synthetic machining oils
12 03 01*	Aqueous washing liquids
12 03 02*	Steam degreasing wastes
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
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
13 03 01*	Insulating or heat transmission oils containing PCBs (subject to requirements of Pre-operational Condition 1)
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
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
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
13 07 01*	Fuel oil and diesel
13 07 03*	Other fuels (including mixtures)
13 08 01*	Desalter sludges or emulsions
13 08 02*	Other emulsions
14 06 03*	Other solvents and solvent mixtures
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

**Table S3.2 Permitted waste types and quantities for bulk storage, treatment and disposal/recovery**

<b>Maximum quantity</b>	<b>82,000 tonnes/year</b>
<b>Waste code</b>	<b>Description</b>
16 03 05*	Organic wastes containing dangerous substances
16 03 06	Organic wastes other than those mentioned in 16 03 05
16 07 08*	Wastes containing oil
16 07 09*	Wastes containing other dangerous substances
16 10 01*	Aqueous liquid wastes containing dangerous substances
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	Aqueous concentrates containing dangerous substances
16 10 04	Aqueous concentrates other than those mentioned in 16 10 03
19 01 06*	Aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 02 07*	Oil and concentrates from separation
19 02 08*	Liquid combustible wastes containing dangerous substances
19 07 02*	Landfill leachate containing dangerous substances
19 07 03	Landfill leachate other than those mentioned in 19 07 02
19 11 03*	Aqueous liquid wastes
20 01 29*	Detergents containing dangerous substances
20 01 30	Detergents other than those mentioned in 20 01 29

**Table S3.3 Permitted waste types and quantities for containerised waste storage, treatment, disposal and recovery**

<b>Maximum quantity</b>	10,500 tonnes/year
<b>Waste code</b>	<b>Description</b>
07 01 03*	Organic halogenated solvents, washing liquids and mother liquors
07 01 07*	Halogenated still bottoms and reaction residues
07 01 08*	Other still bottoms and reaction residues
07 01 09*	Halogenated filter cakes and spent absorbents
07 01 10*	Other filter cakes and spent absorbents
07 02 03*	Organic halogenated solvents, washing liquids and mother liquors
07 02 07*	Halogenated still bottoms and reaction residues
07 02 08*	Other still bottoms and reaction residues
07 02 09*	Halogenated filter cakes and spent absorbents
07 02 10*	Other filter cakes and spent absorbents
07 03 03*	Organic halogenated solvents, washing liquids and mother liquors
07 03 07*	Halogenated still bottoms and reaction residues
07 03 08*	Other still bottoms and reaction residues
07 03 09*	Halogenated filter cakes and spent absorbents
07 03 10*	Other filter cakes and spent absorbents
07 04 03*	Organic halogenated solvents, washing liquids and mother liquors
07 04 07*	Halogenated still bottoms and reaction residues
07 04 08*	Other still bottoms and reaction residues
07 04 09*	Halogenated filter cakes and spent absorbents
07 04 10*	Other filter cakes and spent absorbents
07 05 03*	Organic halogenated solvents, washing liquids and mother liquors
07 05 07*	Halogenated still bottoms and reaction residues
07 05 08*	Other still bottoms and reaction residues
07 05 09*	Halogenated filter cakes and spent absorbents
07 05 10*	Other filter cakes and spent absorbents
07 06 03*	Organic halogenated solvents, washing liquids and mother liquors
07 06 07*	Halogenated still bottoms and reaction residues
07 06 08*	Other still bottoms and reaction residues
07 06 09*	Halogenated filter cakes and spent absorbents
07 06 10*	Other filter cakes and spent absorbents
07 07 03*	Organic halogenated solvents, washing liquids and mother liquors
07 07 07*	Halogenated still bottoms and reaction residues
07 07 08*	Other still bottoms and reaction residues
07 07 09*	Halogenated filter cakes and spent absorbents
07 07 10*	Other filter cakes and spent absorbents
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11
08 01 13*	Sludges from paint or varnish containing organic solvents or other dangerous substances
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13
08 01 15*	Aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

**Table S3.3 Permitted waste types and quantities for containerised waste storage, treatment, disposal and recovery**

<b>Maximum quantity</b>	10,500 tonnes/year
<b>Waste code</b>	<b>Description</b>
08 01 16	Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 02 02	Aqueous sludges containing ceramic materials
08 02 03	Aqueous suspensions containing ceramic materials
08 03 07	Aqueous sludges containing ink
08 03 12*	Waste ink containing dangerous substances
08 03 13	Waste ink other than those mentioned in 08 03 12
08 03 14*	Ink sludges containing dangerous substances
08 03 15	Ink sludges other than those mentioned in 08 03 14
08 03 16*	Waste etching solutions
08 03 17*	Waste printing toner containing dangerous substances
08 03 18	Waste printing toner other than those mentioned in 08 03 17
08 04 09*	Waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09
08 04 11*	Adhesive and sealant sludges containing organic solvents or other dangerous substances
08 04 12	Adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 13*	Aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 14	Aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
10 01 20*	Sludges from on-site effluent treatment containing dangerous substances
10 01 21	Sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 22*	Aqueous sludges from boiler cleansing containing dangerous substances
10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 02 15	Other sludges and filter cakes
12 01 06*	Mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 08*	Machining emulsions and solutions containing halogens
12 01 12*	Spent waxes and fats
12 01 14*	Machining sludges containing dangerous substances
12 01 15	Machining sludges other than those mentioned in 12 01 14
12 01 18*	Metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	Readily biodegradable machining oil
13 01 01*	Hydraulic oils, containing pcbs (to a maximum level of 1000 mg/kg)
13 01 04*	Chlorinated emulsions
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
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
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	Mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils

**Table S3.3 Permitted waste types and quantities for containerised waste storage, treatment, disposal and recovery**

Maximum quantity	10,500 tonnes/year
Waste code	Description
13 02 07*	Readily biodegradable engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03 01*	Insulating or heat transmission oils containing pcbs (to a maximum level of 1000 mg/kg)
13 03 06*	Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
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
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
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
13 07 02*	Petrol
14 06 01*	Chlorofluorocarbons, HCFC, HFC
14 06 02*	Other halogenated solvents and solvent mixtures
14 06 04*	Sludges or solid wastes containing halogenated solvents
14 06 05*	Sludges or solid wastes containing other solvents
15 01 10*	Packaging containing residues of or contaminated by dangerous substances
15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16 01 07*	Oil filters
16 10 01*	Aqueous liquid wastes containing dangerous substances
16 10 02	Aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	Aqueous concentrates containing dangerous substances
16 10 04	Aqueous concentrates other than those mentioned in 16 10 03
19 02 05*	Sludges from physico/chemical treatment containing dangerous substances
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 08 07*	Solutions and sludges from regeneration of ion exchangers
19 08 09*	Grease and oil mixture from oil/water separation containing edible oil and fats
19 08 10*	Grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11 05*	Sludges from on-site effluent treatment containing dangerous substances
19 11 06	Sludges from on-site effluent treatment other than those mentioned in 19 11 05

**Table S3.4 Permitted waste types and quantities for storage pending disposal or recovery operations following transfer off-site**

<b>Maximum quantity</b>	10,500 tonnes/year
<b>Waste code</b>	<b>Description</b>
13 01 01*	Hydraulic oils containing pcbs (to a maximum level of 1000 mg/kg)
13 01 04*	Chlorinated emulsions
13 01 05*	Non-chlorinated emulsions
13 01 09*	Mineral-based chlorinated hydraulic oils
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
13 02 04*	Mineral-based chlorinated engine, gear and lubricating oils
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
13 03 01*	Insulating or heat transmission oils containing PCBs (subject to requirements of Pre-operational Condition 1)
13 03 06*	Mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
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
13 04 01*	Bilge oils from inland navigation
13 04 02*	Bilge oils from jetty sewers
13 04 03*	Bilge oils from other navigation
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
15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16 01 14*	Antifreeze fluids containing dangerous substances
16 03 05*	Organic wastes containing dangerous substances
16 07 09*	Wastes containing other dangerous substances
16 10 01*	Aqueous liquid wastes containing dangerous substances
16 10 03*	Aqueous concentrates containing dangerous substances
19 02 08*	Liquid combustible wastes containing dangerous substances
19 07 02*	Landfill leachate containing dangerous substances
19 07 03	Landfill leachate other than those mentioned in 19 07 02
19 11 03*	Aqueous liquid wastes
20 01 29*	Detergents containing dangerous substances
20 01 30	Detergents other than those mentioned in 20 01 29

## 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 (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in Schedule 2]	No parameters set	Manifold on breather pipes associated with Tanks 1-6	No limit set	--	--	Permanent sampling access not required
A2 [Point A2 on site plan in Schedule 2]	No parameters set	Manifold on breather pipes associated with Tanks 7-10	No limit set	--	--	Permanent sampling access not required
A3 [Point A3 on site plan in Schedule 2]	No parameters set	Manifold on breather pipes associated with Tanks 1-14	No limit set	--	--	Permanent sampling access not required
Vents from tanks A, B and C	No parameters set	Reception tanks A, B and C	No limit set	--	--	Permanent sampling access not required

**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
W1 [Point W1 on site plan in Schedule 2]	No parameters set	Uncontaminated water from the Parkwood Spring	No limit set	--	--	Permanent sampling access not required

**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)	Reference period	Monitoring frequency	Monitoring standard or method
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Flow	Effluent from the process	150 m <sup>3</sup>	Any 24 hour period	Continuous	Pulsonic flow meter
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Chemical oxygen demand (COD)	Effluent from the process	No limit set	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS 6068-2.34:1988 / ISO 6060 BS ISO 15705:2002 BS 6068-2.80:2002 SCA blue book 97 ISBN 0117519154

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

S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Oil and grease (as hydrocarbon oils)	Effluent from the process	No limit set	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 3 months	SCA blue book 77 ISBN 0117517283
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Suspended solids	Effluent from the process	No limit set	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 3 months	BS EN 872:1996 BS 6068-2.54:1996
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Chromium	Effluent from the process	4 mg/l	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS EN 1233:1997 BS 6068-2.38:1997
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Copper	Effluent from the process	2 mg/l	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS 6068-2.29:1987 ISO 8288-1986
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Lead	Effluent from the process	2 mg/l	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS 6068-2.29:1987 ISO 8288-1986
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Nickel	Effluent from the process	3 mg/l	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS 6068-2.29:1987 ISO 8288-1986
S1 [Point S1 on site plan in Schedule 2]: emission to Yorkshire Water Blackburn Meadows STW	Zinc	Effluent from the process	3.5 mg/l	When discharging, flow proportional sampler to create a 24- hour composite sample.	Every 12 months	BS 6068-2.29:1987 ISO 8288-1986

**Table S4.4 Point Source emissions to land – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
WL1 [Point WL1 on site plan in Schedule 2]:	No parameters set	Uncontaminated roof water from the workshop	No limit set	--	--	Permanent sampling access not required

## 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	S1	Every 3 months	01/10/07
Parameters as required by condition 3.6.1			

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

Parameter	Units
Total annual waste treated - tonnes	tonnes
Total waste oil treated – tonnes	tonnes
Total waste water treated – tonnes	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	01/09/07
Water usage	Form Water usage 1 or other form as agreed in writing by the Agency	01/09/07
Energy usage	Form Energy 1 or other form as agreed in writing by the Agency	01/09/07
Other performance indicators	Form Performance 1 or other form as agreed in writing by the Agency	01/09/07

## 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>WP3731MH</b>
Name of operator	<b>Frogson Waste Management Limited</b>
Location of Installation	<b>Parkwood Springs Oil Recovery Facility, 21 Douglas Road, Parkwood Springs, Sheffield, South Yorkshire S3 9SA</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>
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<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	
Substance(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>
Chromium	24 hours
Copper	24 hours
Lead	24 hours
Nickel	24 hours
Zinc	24 hours

<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	
Substance(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 Frogsons Waste Management 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