

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2007

Wood Lane Waste Recovery Facility

FM Conway Limited
Wood Lane
Erdington
Birmingham
West Midlands
B24 9QJ

Permit number
EPR/FP3431XJ/A001

Wood Lane Waste Recovery Facility

Permit number EPR/FP3431XJ/A001

Introductory note

This introductory note does not form a part of the permit

The main features of the facility are as follows.

The permit is required to authorise the operation of a proposed new waste management facility carrying out activities covered by the descriptions in Section S5.4 A(1)(c)(iii) (Recovery of Hazardous Waste-Reclamation of inorganic materials) and Section S5.3 A(1)(b) (Disposal of Waste Oils-Reclamation of organic substances) in Part 2 to Schedule 1 of the EP Regulations.

FM Conway Limited is a construction company providing a range of highway maintenance, civil engineering and construction services. The site selected for the installation is located in an Industrial Estate on Wood Lane in Erdington, approximately 4km North East of Birmingham city centre. The site is surrounded by various industrial and commercial units, including the Fort shopping centre, to the East of the site.

The facility will be capable of recovering waste streams generated by various industrial operations and highways maintenance activities around the Midlands. The overall principle of the facility is to recover solid materials from waste streams contaminated with other materials such as oils. The activities will comprise waste reception and storage, solid / liquid separation and conveyance, waste preparation, solid waste cleaning, oil / water separation with recovery of oil and wastewater treatment and recovery. The process is designed to initially treat road gulley and oil interceptor wastes, foundry sand, oily mill scale and rail track ballast and soils that are contaminated with hydrocarbons. The process can also potentially treat many other waste streams and it is anticipated that feasibility trials will be undertaken, following agreement from the Environment Agency.

The only emission arising from the process will be excess treated water anticipated to discharge to the sewerage network under a discharge consent, although the majority of water resulting from aqueous waste will be re-used in the process.

The activity will be operated and managed within an Environmental Management System (EMS) and it is anticipated that certification to the internationally recognised standard BS EN ISO 14001 will be achieved as soon as practically possible.

Applying current Agency guidance it is deemed there are no environmentally sensitive sites that are adversely affected by emissions to water from this site and as such they have not been given prime consideration.

Status Log of the permit

Detail	Date	Response Date
Application EPR/FP3431XJ/A001	Received 04/08/08	Duly made 04/09/08
Notice Requiring Further information	Dated 13/10/08	20/11/08
Notice Requiring Further information	Dated 03/12/08	22/12/08
Permit EPR/FP3431XJ/A001 issued	23/01/09	

End of Introductory Note

Permit

The Environmental Permitting (England and Wales) Regulations 2007

Permit

Permit number

EPR/FP3431XJ/A001

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007

FM Conway Limited ("the operator"),

whose principal office is

Conway House

Rochester Way

Dartford

Kent

DA1 3QY

company registration number 706445

to operate a facility comprising waste operations at

FM Conway Limited

Wood Lane

Erdington

Birmingham

West Midlands

B24 9QJ

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

Name

Date

		23 rd January 2009
--	---	-------------------------------

Martin Jenkins

Permitting Team Leader

Authorised on behalf of the Agency

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, non-conformances and closure 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 or shall hold an appropriate certificate of technical competence or other approval issued by the Agency.

1.2 Accident management plan

- 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 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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 (a) 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.
- (b) If notified by the Agency that the activities are giving rise to pollution, the operator shall submit to the Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Agency.
- 2.3.2 Waste shall only be accepted if:
- a) it is of a type and quantity listed in schedule 3 tables S3.1 and S3.2.
 - 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.
- 2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- a) the nature of the process producing the waste;
 - b) the composition of the waste;
 - c) the handling requirements of the waste;
 - d) the hazard classification associated with the waste; and
 - e) the waste code of the waste.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Pre-operational conditions

- 2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3A have been completed.

2.4.2 The operations specified in schedule 1 table S1.3B shall not commence until the measures specified in that table have been completed.

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 Fugitive emissions of substances

- 3.2.1 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, including those specified in any approved fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- a) if notified by the Agency that the activities are giving rise to pollution, submit to the Agency for approval within the period specified, a fugitive emissions management plan;
 - b) implement the approved fugitive emissions management plan, from the date of approval, unless otherwise agreed in writing by the Agency.
- 3.2.3 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.

3.3 Odour

- 3.3.1 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, including those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- a) if notified by the Environment Agency that the activities are giving rise to annoyance outside the site due to odour, submit to the Agency for approval within the period specified, an odour management plan;
 - b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

3.4 Noise and vibration

- 3.4.1 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, including those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- a) if notified by the Agency that the activities are giving rise to annoyance outside the site due to noise and vibration, submit to the Agency for approval within the period specified, a noise and vibration management plan;
- b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring 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;
- b) surface water specified in table S4.4;
- c) process monitoring specified in table S4.5

3.5.2 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.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.

3.5.4 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) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 All records, plans and the management system required to be maintained by this permit shall be held on the site.

4.2 Reporting

- 4.2.1 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.2 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 the permit including an interpretive review of that data;
 - b) the annual production /treatment data set out in schedule 5 table S5.2; and
 - c) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule.
- 4.2.3 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.
- 4.2.4 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 Within one month of the end of each quarter, the operator shall submit to the Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

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; or
 - 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 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.
- 4.3.4 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:

Where the operator is a registered company:

- a) any change in the operator's trading name, registered name or registered office address; and
- b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- a) any change in the operator's name or address; and
- b) any steps taken with a view to the dissolution of the operator.

In any other case:

- a) the death of any of the named operators (where the operator consists of more than one named individual);
- b) any change in the operator's name(s) or address(es); and
- c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change 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 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 operator has entered into a climate change agreement with the Government, the Agency shall be notified within one month of:

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

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types Note 1
A1	S5.4 A(1) (c) (iii)	Recovering hazardous waste in a plant with a capacity of more than 10 tonnes per day: R5 - Reclamation of inorganic materials	The acceptance, treatment, separation and storage of inorganic materials from wastes. Waste types as specified in Table S3.1
A2	S5.3 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 R3 – Reclamation of organic substances	The acceptance, treatment, separation and storage of oil from oil contaminated wastes. Waste types as specified in Table S3.1
Directly Associated Activities (DAA)			
DAA	Treatment of Municipal Gulley Waste (Non hazardous)	Storage and treatment	The acceptance, treatment, separation and storage of inorganic materials from wastes. Waste types as specified in Table S3.1
DAA	Storage	Waste and recovered material storage bays	Includes waste receipt and storage, and recovered materials storage

Note 1: Table S1.3B of this permit confirms Pre-operational measures for the new wastes specified in Table S3.2. These wastes shall not be permitted until the measures are completed and written agreement is received from the Environment Agency.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to sections 2.1 (with the exception of 2.1.6) and 2.2 in the Application.	04/09/08
Response to Schedule 5 Notice dated 13/10/08	The response to items 3, 4, 5, and 6	20/11/08
Response to Schedule 5 Notice dated 03/12/08	Performance Specification paragraphs 1.03 to 1.09 (Tank Requirements)	23/12/08

Table S1.3A Pre-operational measures

Reference	Pre-operational measures
1	Before accepting any waste, a written site closure plan shall be submitted to the Environment Agency In accordance with the requirements set out in Section 2.11 of sector Guidance Note IPPC S5.06. The plan shall be agreed in writing by the Environment Agency.
2	Prior to any release at S1 as defined in Table S4.3 of this permit the Operator shall provide a copy of the discharge consent issued by the sewerage undertaker.
3	Prior to construction of the installation drainage system the drainage design and justification shall be submitted to the Environment Agency for agreement. The justification shall take into account the requirements set out in Section 2.2.5 of Sector Guidance Note IPPC S5.06.

Table S1.3B Pre-operational measures for future development (new waste streams defined in Table S3.2)

Reference	Operation	Pre-operational measures
1	Treatment of new waste streams identified in Table S3.2 of this permit	The Operator shall submit written procedures to ensure that measures are in place to identify a suitable treatment route for any new waste stream defined in Table S3.2, prior to acceptance on site. These procedures shall be agreed in writing by the Environment Agency prior to the acceptance of the new waste stream. Note 2
2		Prior to the treatment of any new waste stream defined in Table S3.2 the Operator shall submit written waste pre-acceptance, acceptance and storage procedures in accordance with the requirements set out in sections 2.1.1, 2.1.2 and 2.1.3 of Sector Guidance Note IPPC S5.06. These procedures shall be agreed in writing by the Environment Agency prior to the acceptance of the new waste stream. Note 2
3		Prior to the treatment of any new waste stream defined in Table S3.2 the Operator shall undertake an impact assessment using the Environment Agency's H1 Guidance or equivalent to include all relevant impacts. The results of the impact assessment shall be provided to the Environment Agency in writing and the report shall be used to assess the requirement for setting any additional monitoring parameters. Note 2

Note 2: The new waste streams defined in Table S3.2 of this permit shall not be permitted until the Pre-operational measures are completed and written agreement is received from the Environment Agency.

Schedule 2 - Site plan



Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Permitted waste types and quantities for Recovery

Maximum quantity	Total quantity of waste (Tables S3.2 and S3.3) shall not exceed 65,000 tonnes per year
Waste code	Description
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 05	oil/water separator contents
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 07 *	oily water from oil/water separators
13 05 08 *	mixtures of wastes from grit chambers and oil/water separators
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08 *	wastes containing oil
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 03	other municipal wastes
20 03 03	street-cleaning residues

Table S3.2 New waste types and quantities for Recovery (Refer to Table S1.3B for Pre-Operational Measures) Note 3

Maximum quantity	Total quantity of waste (Tables S3.2 and S3.3) shall not exceed 65,000 tonnes per year
Waste code	Description
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	Wastes from petroleum refining
05 01 02 *	Desalter sludges
05 01 03 *	Tank Bottom Sludges
05 01 05 *	Oil spills
05 01 06 *	Oily sludges from maintenance operations of the plant or equipment
05 01 10	Sludges from on-site effluent treatment other than those mentioned in 05 01 09
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from the iron and steel industry
10 02 10	Mill scales
10 02 15	Other sludges and filter cakes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 08	oil wastes not otherwise specified
13 08 01 *	desalter sludges or emulsions
13 08 02 *	other emulsions
13 08 99 *	wastes not otherwise specified
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

Table S3.2 New waste types and quantities for Recovery (Refer to Table S1.3B for Pre-Operational Measures) Note 3

Maximum quantity	Total quantity of waste (Tables S3.2 and S3.3) shall not exceed 65,000 tonnes per year
Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 06 *	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03 *	soil and stones containing dangerous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05 *	dredging spoil containing dangerous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07 *	track ballast containing dangerous substances
17 05 08	track ballast other than those mentioned in 17 05 07
17 09	other construction and demolition wastes
17 09 03 *	other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	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
19 13	wastes from soil and groundwater remediation
19 13 01 *	solid wastes from soil remediation containing dangerous substances
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03 *	sludges from soil remediation containing dangerous substances
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 05 *	sludges from groundwater remediation containing dangerous substances
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 03	other municipal wastes

Note 3: The new waste streams defined in Table S3.2 above shall not be permitted until the Pre-operational measures set out in Table S1.3B are completed and written agreement is received from the Environment Agency.

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
-	-	-	-	-	-	-

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

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
-	-	-	-	-	-	-

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 (labelled proposed effluent discharge point to foul sewer) on Proposed Indicative Drainage Strategy, Figure 1.3.5	-	Water recovered from wastes received and treated	-	-	-	-

Note 4: Refer to pre-operational condition 2 in Table S1.3A of this permit.

Table S4.4 Surface water monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
SWMP1 (labelled full retention proprietary separator) on Proposed Indicative Drainage Strategy, Figure 1.3.5	Visual quality [clarity, fats, oils and greases (FOG)]	Weekly	To be set out in a written procedure to be agreed with the Environment Agency	Procedure to be completed prior to construction of the permitted activity. Monitoring to be undertaken from commencement of operation of the permitted activity.

Table S4.5 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Treated effluent from Clean Water Storage Tank	Biochemical Oxygen Demand (BOD) (mg/l)	Weekly	BS EN 1899-1	Composite sample
	Lead (mg/l)	Weekly	BS 6068-2.29:1987, ISO 8288-1986	Composite sample
	Cadmium and its compounds, expressed as cadmium (Total Cd) (mg/l)	Weekly	BS EN ISO 5961:1995, BS 6068-2.21:1995	Composite sample
	pH	Weekly	BS 6068-2.50:1995, ISO 10523:1994	24-hour flow proportional sample
	Total Suspended Solids (SS) (mg/l)	Weekly	BS EN 872:1996, BS 6068-2.54:1996	Composite sample
	Total Mineral Oils (mg/l)	Weekly	BS EN ISO 9377-2:2000	Composite sample
	Volume (m ³) - sewer Volume (m ³) – re-used	Continuous	MCERTS	Daily average

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
Surface water monitoring Parameters as required by condition 3.6.1	SWMP 1	Data to be made available for on site inspection	01/01/09
Process monitoring Parameters as required by condition 3.6.1	Treated effluent from Clean Water Storage Tank	Every 3 months	01/01/09

Table S5.2: Annual production/treatment

Parameter	Units
Hazardous waste treated	tonnes
Hazardous waste recovered	tonnes

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	m3/tonne waste treated
Energy usage	Annually	MWh/tonne of waste treated
Total raw material used	Annually	Tonnes/tonne of waste treated
Total Biochemical Oxygen Demand to sewer	Annually	kg/tonne waste treated
Total Suspended Solids to sewer	Annually	kg/tonne waste treated
Total Mineral Oils to sewer	Annually	kg/tonne waste treated
Total Metals to sewer	Annually	kg/tonne waste treated

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Process	Form process 1 or other form as agreed in writing by the Agency	01/01/09
Water usage	Form water usage 1 or other form as agreed in writing by the Agency	01/01/09
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	01/01/09
Other Performance parameters	Form performance 1 or other form as agreed in writing by the Agency	01/01/09

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 EP Regulations.

Part A

Permit Number	EPRFP3431XJA001
Name of operator	FM Conway Limited
Location of Facility	Wood Lane, Erdington, Birmingham
Time and date of the detection	

(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

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit

Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect

To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

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

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of FM Conway Limited

Schedule 7 - Interpretation

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

"*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 5 to the EP 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*" means any of the operations provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

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

"*EP Regulations*" means The Environmental Permitting (England and Wales) Regulations SI 2007 No.3538 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*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.

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

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

"*recovery*" means any of the operations provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"*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 (Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste).

"*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.

END OF PERMIT

Permit Number: EPR/FP3431XJ/A001

Operator: FM Conway Limited

Facility: Wood Lane Waste Recovery

Form Number: WaterUsage 1 / 01/01/09

Reporting of Water Usage for the year 2009

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /tonne of waste treated)
Mains water		
TOTAL WATER USAGE		

Operator's comments :

Signed Date.....
(authorised to sign as representative of FM Conway Limited)

Permit Number: EPR/FP3431XJ/A001

Operator: FM Conway Limited

Facility: Wood Lane Waste Recovery

Form Number: Energy 1 / 01/01/09

Reporting of Energy Usage for the year 2009

Energy Source	Energy Usage Quantity	Primary Energy (MWh)		Specific Usage (MWh/unit output)
Electricity *	MWh			
Natural Gas	MWh			
Diesel	tonnes			
TOTAL				

* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments :

Signed Date.....
(Authorised to sign as representative of FM Conway Limited)

Permit Number: EPR/FP3431XJ/A001

Operator:

FM Conway Limited

Facility: Wood Lane Waste Recovery

Form Number:

Performance 1 / 01/01/09

Reporting of other performance indicators for the period 01/01/09 to 31/12/09

Parameter	Units
Water usage	m ³ /tonne of waste treated
Energy usage	MW/tonne of waste treated
Total raw material used	Tonnes/tonne of waste treated
Total Biochemical Oxygen Demand to sewer	Kg/tonne of waste treated
Total Suspended Solids to sewer	Kg/tonne of waste treated
Total Mineral Oils to sewer	Kg/tonne of waste treated
Total Metals to sewer	Kg/tonne of waste treated

Operator's comments :

Signed Date.....
(Authorised to sign as representative of FM Conway Limited)

Permit Number: EPR/FP3431XJ/A001

Operator: FM Conway Limited

Facility: Wood Lane Waste Recovery

Form Number: Process 1 / 01/01/09

Reporting of process parameters for the period to

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Treated effluent from Clean Water Storage Tank	Biochemical Oxygen Demand (mg/l)	-	Composite Sample		BS EN 1899-1		
	Lead (mg/l)	-	Composite Sample		BS 6068-2.29:1987, ISO 8288-1986		
	Cadmium and its compounds, expressed as cadmium (Total Cd) (mg/l)	-	Composite Sample		BS EN ISO 5961:1995, BS 6068-2.21:1995		
	pH	-	24-hour flow proportional sample		BS 6068-2.50:1995, ISO 10523:1994		
	Total suspended solids (mg/l)	-	Composite Sample		BS EN 872:1996, BS 6068-2.54:1996		
	Total Mineral Oils (mg/l)	-	Composite Sample		BS EN ISO 9377-2:2000		
	Volume (m3) – sewer Volume (m3) – re-used	-	Daily Average		MCERTS		

The result given is the maximum value, minimum value and the average value obtained during the reporting period.

Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

The date and time of the sample (s) that produced the result is given.

The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed Date.....
(Authorised to sign as representative of FM Conway Limited)