

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

EC Harris (UK) Limited

Meritor Heavy Braking Systems (UK)
Limited
Grange Road
Cwmbran
Gwent
NP44 3XU

Permit number
EPR/MB3333RY

Meritor Heavy Vehicle Breaking Systems (UK) Limited

Permit number EPR/MB3333RY

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This bespoke permit allows the operation of a remediation activity for the treatment of contaminated groundwater.

The remediation involves treatment and recovery; the abstraction of contaminated groundwater by pumping and treating via an in-situ and ex-situ treatment system comprising the treatment plant/methods set out in table S1.1 of this permit.

Extracted hydrocarbons shall be removed from the site for recycling or disposal to a suitably authorised treatment facility. Treated groundwater will be discharged into public foul sewer under an existing trade effluent consent granted by Dŵr Cymru.

Extracted soil vapour will be passed through a GAC filtration system to reduce contaminant concentrations and odour prior to discharge to the atmosphere.

Aerial emissions of volatile organic compounds, odour and noise are from diffuse sources across the site. They are subject to control under conditions 3.1, 3.2 and 3.3 of this permit and shall be monitored in line with agreed monitoring plans as incorporated in table S1.2 of this permit.

The groundwater treatment system shall be located on impermeable surface within a bunded area to control spills and leaks.

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

Status log of the permit		
Description	Date	Comments
Application EPR/MB3333RY/A001	Duly made 04/02/13	Application for bespoke permit for treatment of contaminated groundwater.
Additional information received	04/02/13	Site plan outlined in green and Certificate of Technical Competency.
Permit determined	18/03/2013	Permit issued to EC Harris (UK) Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/MB3333RY

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

EC Harris (UK) Limited ("the operator"),

whose registered office is

ECHQ 34

York Way

London

United Kingdom

N1 9AB

company registration number **01093549**

to operate waste operations at

Meritor Heavy Vehicle Breaking Systems (UK) Limited


Grange Road

Cwmbran

Gwent

NP44 3XU

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

Name	Date
 E Franks	18/03/2013

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Avoidance, recovery and disposal of wastes produced by the activities

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

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

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 7 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 Environment Agency.
- (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment 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 Environment Agency.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1 [, S2.2 etc]; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Hazardous waste storage and treatment

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

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

- 3.1.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.1.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

- 3.2.3 All liquids in containers, 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.

3.2 Odour

- 3.2.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3 Noise and vibration

- 3.3.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, 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 Pests

- 3.4.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment 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 Environment 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 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment 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 Environment Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit 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 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment 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 Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment 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 Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 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	Description of activities for waste operations	Limits of activities
A1	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/ reclamation of other inorganic compounds</p>	<p>Treatment operations shall be limited to:</p> <p>Storage and treatment for recovery consisting only of use of the following technology and associated plant including the use of that technology and plant in combination with others listed:</p> <ul style="list-style-type: none"> ▪ In-situ bio-remediation via Enhanced Reductive Dechlorination (including Soil Vapour Extraction) ▪ Ex-situ treatment of pumped groundwater (oil/water separator, air stripping, sand filtration, carbon adsorption) ▪ Ex-situ Soil Vapour Extraction (including Granular Active Carbon filtration) ▪ Air Stripping and Granular Activated Carbon filtration ▪ Oil/ water Separator ▪ Sand Filtration <p>The maximum quantity of hazardous waste treated at the site for recovery shall not exceed 10 tonnes per day.</p> <p>The maximum quantity of non-hazardous waste treated at the site for recovery shall not exceed 75 tonnes per day.</p> <p>The maximum quantity of hazardous waste stored at the site for recovery shall not exceed 50 tonnes per day.</p> <p>All treatment and storage of wastes must take place on an impermeable surface with sealed drainage.</p> <p>Waste types as specified in Table S2.1.</p>

Table S1.2 Operating techniques		
Description	Parts	Date Received
Guidance Note EPR 1.00 How to comply with your environmental permit	All	n/a
Table 3a – Technical standards, Part B4 of the permit application form.	Extraction of Soil Vapour (SVE), Reference EH40/2005 - Workplace Exposure Limits	09/11/12

Table S1.2 Operating techniques

Description	Parts	Date Received
CD received in response to Not Duly Made letter dated 22 January 2013 requesting site plans outlined in a green boundary	<ol style="list-style-type: none"> Noise Emissions Monitoring Location Plan: Figure 8, Drawing No. 909364115GIS, dated 09/05/12 Odour Emissions Monitoring Location Plan: Figure 9, Drawing No. 909364113GIS, dated 09/05/12 VOC Emissions Monitoring Location Plan: Figure 10, Drawing No. 909364114GIS, dated 09/05/12 	04/02/13
Email received in response to request for amended emissions monitoring schedules.	Addendum to Supporting Information Bespoke Environmental Permit Application Meritor Heavy Vehicle Braking Systems (UK) Limited, Report 909364178_01, February 2013	25/02/13
Report 909364124_02	Appendix G – Environmental Risk Assessment	

Schedule 2 - Waste types

Table S2.1 Permitted waste types and quantities for groundwater remediation	
Maximum quantity	The maximum quantity of waste treated at the site shall not exceed 7,490 tonnes per year.
Waste Code	Description
13	Oil Wastes and Wastes of liquid Fuels
03 05	oil/water separator contents
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 08	oil wastes not otherwise specified
13 08 99*	consisting of aqueous groundwater containing mixed hydrocarbons only
19	Wastes from Waste Management Facilities, Off- site Waste Water Treatment Plants and the Preparation of Water intended for Human Consumption and Water Treatment for Industrial use
19 13	Wastes from soil and groundwater remediation
19 13 05*	sludges from groundwater remediation containing dangerous substances
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

Schedule 5 - 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	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit 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 the operator

Schedule 6 - Interpretation

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

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 Environment 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.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are 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.

“groundwater protection zones 1 and 2” have the meaning given in the document titled "Groundwater Protection: Policy and Practice" published by the Environment Agency in 2006.

“hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

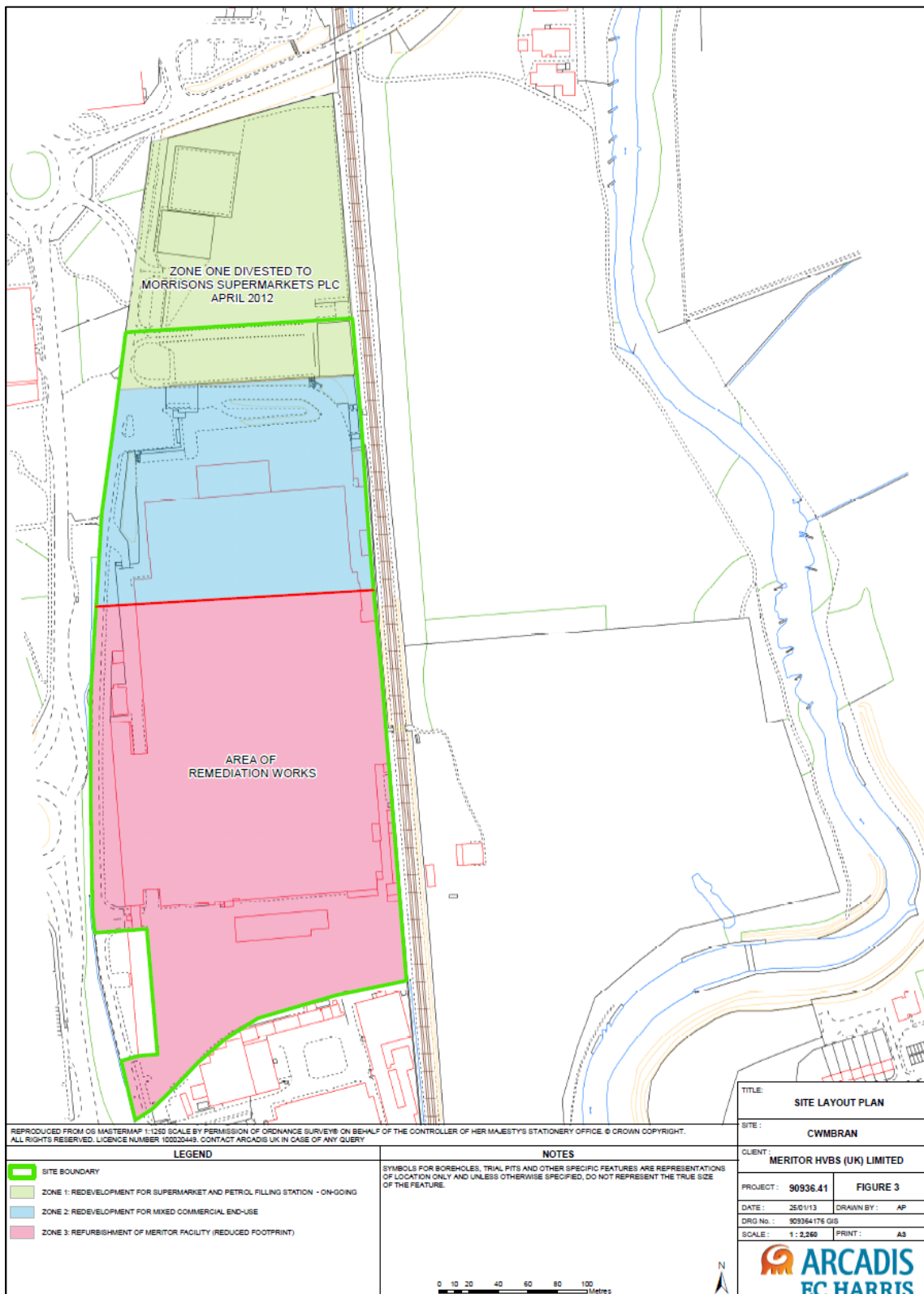
“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council 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.

“year” means calendar year ending 31 December.

Schedule 7 - Site plan



Crown Copyright. All rights reserved. Environment Agency, 100026380, 2013.

END OF PERMIT