



Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

TECHNICAL AMENDMENT B
TO
WASTE LICENCE

Licence Register Number:	W0184-01
Licensee:	ENVA Ireland Limited
Location of Facility:	Clonminam Industrial Estate, Portlaoise, Co. Laois.



Reasons for the Decision

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No. W0184-01 granted on 16 January 2004 (and amended on 11 October 2005) as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 40(4) of the Waste Management Acts 1996 to 2010.

Technical Amendment

In pursuance of the powers conferred on it by Section 42B(1)(c) of the Waste Management Acts 1996 to 2010, the Agency amends Licence Reg. No. W0184-01, granted to Atlas Environmental Ireland Limited (now ENVA Ireland Limited) Clonminam Industrial Estate, Portlaoise, Co. Laois.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 11 October 2005 and the amendments set out below.

This technical amendment is limited to the following condition and schedule:

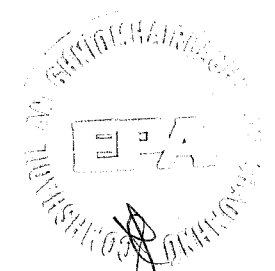
- Condition 5.3; and
- Schedule G.

Amendments

Conditions of Licence

- 5.3.5** Reprocessed oil meeting the criteria set out in column 2 (*Limit for reprocessed oil*) of *Schedule G.2: Reprocessed Oil Quality Standards-Limitations* shall be dispatched only for use as a fuel in hot-mix asphalt plants. Reprocessed oil meeting these criteria shall not be used as a fuel in any other applications without the prior written agreement of the Agency.
- 5.3.6** (i) Reprocessed oil meeting the criteria set out in column 3 (*Limit for a 'residual oil equivalent'*) of *Schedule G.2: Reprocessed Oil Quality Standards-Limitations* shall be dispatched only for use as a fuel in steam raising boilers. This material shall not be used in direct contact heating/drying applications where the combustion residues become part of any product being produced.
- (ii) The licensee shall put in place formal supply agreements with the operators of facilities that use the reprocessed oil produced. The supply agreements shall contain buy-back clauses in the event that customers do not or cannot use this material as fuel. A register of customers shall be maintained for inspection by the Agency. The licensee shall, if so instructed by the Agency on environmental or other grounds, restrict or discontinue the supply of this material to any existing or prospective customers.
- 5.3.7** In addition to the restrictions of condition 5.3.1, the reprocessed oil referred to in condition 5.3.6 shall only be produced using as inputs the waste types listed in *Schedule G.3 Limitations on input for production of a 'residual oil equivalent' with use restricted according to condition 5.3.6 of this licence, by EWC code* of this licence.
- 5.3.8** Reprocessed oil that fails to meet the criteria set out in *Schedule G.2: Reprocessed Oil Quality Standards-Limitations* shall be disposed of or recovered at appropriately authorised facilities in accordance with appropriate national and European legislation and protocols.

Delete condition 5.3.5 of the existing licence and replace with the new condition 5.3.5 above.
Insert new conditions 5.3.6, 5.3.7 and 5.3.8 after the new condition 5.3.5.



Schedules to Licence

SCCHEDULE G : Reprocessed Oil Quality, Monitoring and Input Restrictions

G.1 Monitoring of Reprocessed Oil

Parameter	Monitoring frequency ^{Note 1}	Analysis method for reprocessed oil with use restricted according to condition 5.3.5 of this licence ^{Note 2}	Analysis method for a 'residual oil equivalent' with use restricted according to condition 5.3.6 of this licence ^{Note 2}
Cadmium	Per batch release	Atomic Absorption	Atomic Absorption
Nickel	Per batch release	Atomic Absorption	Atomic Absorption
Chromium	Per batch release	Atomic Absorption	Atomic Absorption
Copper	Per batch release	Atomic Absorption	Atomic Absorption
Vanadium	Per batch release	Atomic Absorption	Atomic Absorption
Lead	Per batch release	Atomic Absorption	IP PM EB
Chlorine	Per batch release	Standard method	-
Fluorine	Per batch release	Standard method	-
Sulphur	Per batch release	Standard method	-
Ash	Per batch release	Standard method	-
Water	Per batch release	Karl Fisher	-
PCB's	Per batch release	ASTM D4059-96	IP 462
Sulphated ash content	Per batch release		IP 550
Total halogens, as chlorine	Per batch release		IP 503
Mercury	Per batch release		IP PM DZ
Zinc	Per batch release		To be agreed
Arsenic	Per batch release		To be agreed
Thallium	Per batch release		To be agreed
Antimony	Per batch release		To be agreed
Cobalt	Per batch release		To be agreed
Manganese	Per batch release		To be agreed
Other ^{Note 3}			

Note 1: Any alteration to the monitoring frequency specified subject to the prior written agreement of the Agency.

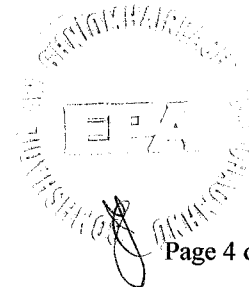
Note 2: Or an alternative method to the satisfaction of the Agency.

Note 3: Other parameters as may be specified by the Agency.

G.2 Reprocessed Oil Quality Standard – Limitations

Parameter	Limit for reprocessed oil with use restricted according to condition 5.3.5 of this licence (mg/kg)	Limit for a 'residual oil equivalent' with use restricted according to condition 5.3.6 of this licence (mg/kg, unless otherwise specified)
Cadmium	25	5
Nickel	100	5
Chromium	50	5
Vanadium	100	5
Lead	800	25
Chlorine	3000	-
Sulphur	10000	-
Ash	15000	-
PCB's	10	5
Sulphated ash content	-	0.2% (m/m)
Total halogens, as chlorine	-	150
Mercury	-	5
Copper	-	40
Zinc	-	300
Arsenic	-	5
Thallium	-	5
Antimony	-	5
Cobalt	-	5
Manganese	-	5
Other ^{Note 1}		

Note 1: Other parameters as may be specified by the Agency.



G.3 Limitations on input for production of a 'residual oil equivalent' with use restricted according to condition 5.3.6 of this licence, by EWC code

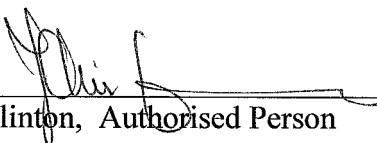
12 01 07*	13 01 10*	19 02 07*	20 01 26*
12 01 10*	13 01 11*		
12 01 19*	13 01 12*		
	13 01 13*		
	13 02 05*		
	13 02 06*		
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	13 07 03*		

Delete Schedule G (Tables G.1 and G.2) of the existing licence and replace with the above Schedule G (Tables G.1, G.2 and G.3).

This technical amendment shall be cited as Amendment B (in pursuance of Section 42B(1) of the Waste Management Acts 1996 to 2010) to Waste Licence Register No. W0184-01.

Sealed by the seal of the Agency on this the 10th day of February 2011

**PRESENT when the seal of the Agency
was affixed hereto:**



Frank Clinton, Authorised Person