

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

TECHNICAL AMENDMENT B  
TO  
WASTE LICENCE

<b>Licence Register Number:</b>	W0054-02
<b>Licensee:</b>	Eco-Safe Systems Limited
<b>Location of Facility:</b>	Unit 1A, Allied Industrial Estate, Kylemore Road, Ballyfermot, Dublin 10.



## ***Reasons for the Decision***

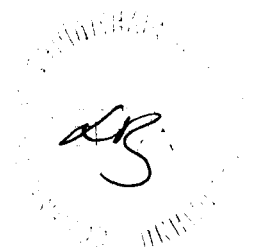
The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No. W0054-02 granted on 01/08/2003 (and amended on 20/10/2005), as well as any amendments noted herein, any emissions from the activity will comply 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) of the Waste Management Acts 1996 to 2010, the Agency amends Licence Reg. No. W0054-02, granted to Eco-Safe Systems Limited, Unit 1A, Allied Industrial Estate, Kylemore Road, Ballyfermot, Dublin 10.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 20/10/2005 and the amendments set out below.

This technical amendment is limited to the following Glossary of Terms/Conditions and Schedules:



# *Amendments*

## **Glossary of Terms**

<b>RPII</b>	Radiological Protection Institute of Ireland
<b>Standard method</b>	A National, European or internationally recognised procedure (e.g. I.S. EN, ISO, CEN, BS or equivalent); or an in-house documented procedure based on the above references; a procedure as detailed in the current edition of “Standard Methods for the Examination of Water and Wastewater” (prepared and published jointly by A.P.H.A., A.W.W.A. & W.E.F.), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or an alternative method as may be agreed by the Agency.
<b>Water Services Authority</b>	Dublin City Council

*To be inserted into the Glossary of the existing licence.*

## **Conditions of Licence**

### 6.5 Emissions to Sewer

6.5.1 Unless otherwise agreed in advance with the Agency and the Water Services Authority, the following shall apply for the discharge of wastewater, which shall be via the agreed sewer location on the Kylemore Road. There shall be no other discharge or emission to sewer of environmental significance.

6.5.2 Emission limits for emissions to sewer shall be interpreted as follows:

#### 6.5.2.1 Continuous Monitoring

(i) No flow value shall exceed the specified limit;

#### 6.5.2.2 Non-Continuous Monitoring

(i) No pH value shall deviate from the specified range;

(ii) No temperature or flow value shall exceed the emission limit value;

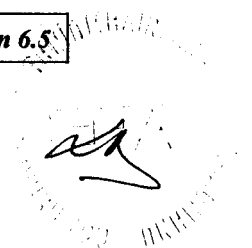
(iii) For parameters other than pH, temperature and flow, eight out of ten consecutive results, calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value;

(iv) For parameters other than pH, temperature and flow, no grab sample value shall exceed 1.2 times the emission limit value.



- 6.5.3 No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system, or as would be damaging to the fabric of the sewer, or as would interfere with the biological functioning of a downstream wastewater treatment works.
- 6.5.4 The licensee shall permit authorised persons of the Agency and the Water Services Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed, in connection with the discharge or emission, and to take samples of the discharge or emission.
- 6.5.5 Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.
- 6.5.6 The licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated organic solvents), at concentrations, which would give rise to flammable or explosive vapours in the sewer.
- 6.5.7 Non-trade effluent wastewater (e.g. firewater, accidental spillage) which occurs onsite shall not be discharged to the sewer without the prior authorisation of the Water Services Authority.
- 6.5.8 The licensee shall provide and maintain an inspection chamber in a suitable position in connection with each pipe through which a discharge or emission is being made. Each such inspection chamber or manhole shall be constructed and maintained by the licensee so as to permit the taking of samples of the discharge or emission.
- 6.5.9 The licensee shall submit monitoring results to the Water Services Authority on an annual basis.
- 6.5.10 The trade effluent shall be screened prior to discharge to remove gross solids and avoid blockages in the sewer.
- 6.5.11 The trade effluent shall not contain active viruses, pathogens and/or unsterilised body fluids.
- 6.5.12 No discharge or emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.
- 6.5.13 Results of the microbiological screening programme specified in *Schedule D Monitoring* of this licence shall be reported to the Water Services Authority on an annual basis.
- 6.5.14 Radioactive liquids discharged to sewer shall only be as permitted by RPII Licence (Ref. No. 2002-1786-09) and shall be itemised and quantified by the licensee. A report shall be submitted to the Agency and to the Water Services Authority on an annual basis, detailing radioisotopes discharged to sewer.
- 6.5.15 The licensee shall keep a log of boiler and cooling water treatment chemicals used on site. This shall include the names and concentrations of the chemicals used. The log shall be copied to the Water Services Authority on an annual basis.
- 6.5.16 No effluent, including vehicle washings or cooling water, shall be discharged to the surface water drainage system.

**Replace Condition 6.5 Emissions to Sewer of the existing licence with the above Condition 6.5**



## **Condition 8: Monitoring**

- 8.9 The licensee shall submit records of the volume discharged to sewer to the Water Services Authority on a monthly basis, unless otherwise agreed by the Agency. A summary report shall be submitted annually as part of the AER.
- 8.10 The licensee shall maintain a water meter on all water supplies serving the facility. Records of water usage shall be maintained on site and a summary records report shall be submitted annually as part of the AER.

*Insert Conditions 8.9 and 8.10 after Condition 8.8 of the existing licence.*



## Schedules to Licence

### SCHEDULE C: Emission Limits

#### C.1 Emissions to Sewer

Emission Point Reference No: E310423, N232905  
 Monitoring Point Reference No: **FS1 (E310420, N232763)**  
 Emission to: 225mm foul sewer on Kylemore Road, to Ringsend WWTP  
 Volume to be emitted: 25m<sup>3</sup>/day

Parameter	Emission Limit Value		
	Grab Sample (mg/l)	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
Temperature	42°C		
pH	6-10		
BOD	5,000	4,000	100
COD	15,000	12,000	300
Suspended Solids	500	400	10
Sulphates (as SO <sub>4</sub> )	1,000	1,000	25

**Replace Schedule C.1 Emissions to Sewer of the existing licence with the above Schedule C.1.**

### SCHEDULE D: Monitoring

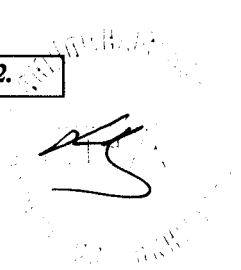
#### D.2 Emissions to Sewer

Emission Point Reference No: E310423, N232905  
 Monitoring Point Reference No: **FS1 (E310420, N232763)**  
 Emission to: 225mm foul sewer on Kylemore Road, to Ringsend WWTP

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	Continuous <sup>Note 1</sup>	To be agreed with the Agency
Temperature	Twice monthly	Temperature probe
pH	Twice monthly	pH electrode/meter
BOD	Twice monthly	Standard Methods
COD	Twice monthly	Standard Methods
Suspended Solids	Twice monthly	Standard Methods
Sulphates(as SO <sub>4</sub> )	Twice monthly	Standard Methods
Total coliforms/100ml	Bi-monthly	Standard Methods
Faecal coliforms/100ml	Bi-monthly	Standard Methods
Faecal streptococci/100ml	Bi-monthly	Standard Methods

Note 1: The licensee shall install a continuous flow monitor within three months of date of grant of this amendment, unless an alternative monitoring method is agreed by the Agency.

**Replace Schedule D.2 Emissions to Sewer of the existing licence with the above Schedule D.2.**



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. W0054-02.

**Sealed by the seal of the Agency on this the 9<sup>th</sup> day of November 2010**

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

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Laura Burke, Director/Authorised Person

