



Headquarters
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County Wexford
Ireland

WASTE LICENCE
TECHNICAL AMENDMENT B

Licence Register Number:	W0074-02
Licensee:	South Tipperary County Council
Location of Facility:	Donohill Landfill, Garryshane, Donohill, County Tipperary

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 Register Number W0074-02 granted on the 19th July 2004, and amended on 28th 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 2003.

Technical Amendment

In pursuance of the powers conferred on it by Section 42B(1) of the Waste Management Acts 1996 to 2003, the Agency amends the licence granted to South Tipperary County Council, County Hall, Clonmel, County Tipperary on 19th July 2004.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 28th October 2005 and the amendments set out below. This technical amendment shall be cited as Amendment B.

This technical amendment is limited to the following:

Amendments

Amend Glossary of Terms

- Oil separator** Device installed according to the International Standard I.S. EN 858-2:2003 (Separator systems for light liquids, (e.g. oil and petrol) - Part 2: Selection of nominal size, installation, operation and maintenance).

Insert the above into the Glossary of Terms.

Amend Condition 3

3.20 Silt Traps & Oil Interceptors

The licensee shall install and maintain silt traps and oil separators at the facility to ensure that ***all*** discharges to surface water from the facility pass through a silt trap and oil separator in advance of discharge. The separator shall be a Class I full retention separator. The silt traps and separators shall be in accordance with I.S. EN 858-2:2003 (separator systems for light liquids).

Amend condition 3 with the above.

Amend Condition 6

- 6.5.2 There shall be no emissions to surface water unless there is a flow in the stream greater than 25 litres/second, providing a dilution factor of 10.
- 6.5.3 No contaminated surface water shall be allowed to enter the surface water collection system.
- 6.5.4 Prior to any discharge to surface water taking place the following shall be carried out:
- 6.5.4.1 Silt traps and oil interceptors shall be installed at all points of discharge to the stream, as per Condition 3.20.
- 6.5.4.2 Any sub-surface drainage pipes beneath the road, with an outlet to the surface water collection pond shall be capped and welded to remove any possible source of contamination.
- 6.5.4.3 An interceptor drain shall be constructed across the site road to catch any leachate that may seep from the active area of the landfill to the site road. Any waters collected in this drain shall be pumped to the leachate collection pond.
- 6.5.5 With regard to discharges from the surface water collection pond (SW5) the following shall be carried out:
- 6.5.5.1 Monitoring shall be carried out prior to each discharge event from SW5 for pH, temperature, ammoniacal nitrogen and conductivity;
- 6.5.5.2 Monitoring for ammoniacal nitrogen and conductivity shall be carried out on a weekly basis at this point, as per the procedures specified in *Schedule D.5. Monitoring*. This frequency, following demonstration of consistency in discharge quality, may be amended with the written agreement of the Agency.

Amend Condition 6 as above.

Amend Schedule D: Monitoring

D.1. Monitoring Locations

Monitoring locations shall be those as set out in Table D1.1, as shown in Drawing Number 6 of the application unless otherwise indicated or agreed by the Agency.

Table D1.1 Monitoring Locations

Landfill Gas	Dust	Noise	Surface Water	Ground Water	Leachate
Stations Note 1	Stations Note 4	Stations Note 4	Stations Note 2	Stations Note 3	Stations Note 1
GM1	ST1	N1	SW1	GW12d ^{Note 6}	LC4
GM3	ST2A	N2	SW2	GW12s ^{Note 6}	L1
GM5	ST3	N3	SW3	GW11d	L2
GM7		N4	SW4 ^{Note 5}	GW11s	L3
GM8		S1	SW5	GW13 ^{Note 6}	L4
GM11		S2	SW7	GW14 ^{Note 6}	
GM13			SW8	GW15	
GM15					
G1					
G2					
G3					
G4					

Note 1: As shown in Drawing No: DE07-024-04-002 (Drawing Title: Environmental Monitoring Locations) dated 16th July 2007.

Note 2: As shown in Drawing No: DE07-024-04-010 (Drawing Title: Existing, Proposed & Obsolete Surface Water Monitoring Locations) dated 19th July 2007.

Note 3: As shown in Map 1 Groundwater and Surface Water Monitoring Locations dated 29th April 2004.

Note 4: As shown in Map 2 Dust and Noise Monitoring Locations dated 29 April 2004.

Note 5: SW4 in Ballydonagh Marsh 1.7km southeast. As shown in Map 1 Groundwater and surface water monitoring locations dated 29 April 2004.

Note 6: Monitoring wells for which trigger levels shall be set as specified in Condition 6.4.3.

Amend Table D1.1 Monitoring Locations of the schedule as above.

Amend Schedule C: Emission Limits

C.5 Emission Limit Values for Surface Waters

Parameter	Emission Limit Value
Total Ammonia as N	0.2 mg/L
BOD ₍₅₎	5 mg/L
Suspended Solids	35 mg/L
pH	>5.5 <8.5
Conductivity	900 µS/CM

Amend Schedule C.5 as above.

Sealed by the seal of the Agency on this the 17th day of September 2007

PRESENT when the seal of the Agency was affixed hereto:

**Dr Padraic Larkin,
Director**