

<b>MEMO</b>			
<b>TO:</b>	Board of Directors	<b>FROM:</b>	Michael Henry
<b>CC:</b>		<b>DATE:</b>	18 <sup>th</sup> January 2001
<b>SUBJECT :</b> Technical Committee Report on Objections to Proposed Decision – Reg. No. 71-1.			

Application Details	
Applicant:	Westmeath County Council
Location of Activity:	Marlinstown Landfill, Marlinstown Bog, Mullingar, Co. Westmeath.
Reg. No.:	71-1
Activities under Waste Management Act 1996:	Third Schedule: Classes 1, 4, 6, 7, 13 Fourth Schedule: Classes 2, 3, 4, 9, 11, 13
Proposed Decision issued on:	17/10/00
Objections received:	10/11/00
Inspector:	Mr. Caoimhin Nolan

### **Consideration of the objections**

The Technical Committee (Michael Henry, Chairperson, Eamonn Merriman and Kealan Reynolds committee members) has considered all of the issues raised and this report details the Committee's comments and recommendations following the examination of the objections on January 16<sup>th</sup> 2001.

### **Objection received**

One objection to the proposed decision was received from Westmeath County Council.

### **Objection No.1: Westmeath County Council**

#### ***Specific grounds***

#### ***Ground 1 (Condition 4.3.1)***

*The applicant objects to the timeframe of six months for the installation of security and stockproof fencing and gates. It requests that the timeframe for completion of such works be extended to October 31<sup>st</sup> 2001. Also the requirement for palisade fencing to front elevation be replaced with 2.4m high concrete posts and chainlink fencing.*

#### ***Technical Committee's evaluation***

The technical committee considers that the timeframe for installation of the security and stockproof fencing and gates should be extended to October 31<sup>st</sup> 2001 in order to allow such works to be successfully completed. The requirement for palisade fencing (as proposed by the

applicant in the waste licence application) should remain as such fencing has better aesthetic qualities and also provides enhanced security at the front of the facility.

**Recommendation**

**Amend Condition 4.3.1 as follows:**

By October 31<sup>st</sup> 2001, security and stockproof fencing and gates shall be installed and maintained as described in Attachment D.1.a of the application. The security fence and gates shall be at the locations shown on Drawing No. H024-04. The base of the fencing shall be set in the ground.

**Ground 2 (Condition 4.14.1)**

*The applicant objects to the timeframe of six months for the installation of a landfill gas collection and flaring system. The gas collection trenching system is to be installed directly under the capping system and this will not be reached over large areas of the landfill until 2002.*

**Technical Committee's evaluation**

In view of the risk of landfill gas migration from the facility (fuel station located close to the landfill), the technical committee considers that a series of perimeter landfill gas extraction wells should be installed and the associated landfill gas collected and pumped. The gas could then be burnt in a flare or, if this is not feasible, vented to atmosphere. Also, the technical committee consider that the frequency of landfill gas monitoring in gas wells located between the landfill and the nearby fuel station (G16, G17, G18) should be increased from monthly to weekly. The collection of gas from the main body of the landfill should ideally be carried out upon completion of capping works (31<sup>st</sup> December 2002; Condition 4.15.3). The installation of a flare (if not already installed) should also coincide with this work. It is recommended that the timeframe for completion of the landfill gas collection network for the entire landfill should be extended to 30<sup>th</sup> June 2003.

**Recommendation**

**Amend Condition 4.14.1 as follows:**

Within nine months of the date of grant of this licence, the licensee shall install landfill gas extraction wells at the perimeter of the landfill. The landfill gas should then be collected and pumped to a flare. If flaring of the gas is not feasible, then the collected gas should be pumped and vented to atmosphere at an agreed location(s). Notwithstanding this, the flare should be installed by 31<sup>st</sup> December 2002 and the completion of the system for the collection of landfill gas from the entire landfill should be undertaken by 30<sup>th</sup> June 2003.

**Include Note 3 in Table E.1.1**

Weekly for gas monitoring wells G16, G17, G18.

**Ground 3 (Condition 4.15.3)**

*The applicant objects to the requirement to have all areas of deposited waste capped by 31<sup>st</sup> December 2002. This leaves no time between the final date for the deposition of waste and the completion of capping. The Agency should allow for the final capping to be installed as soon as practicable after 1<sup>st</sup> January 2003.*

**Technical Committee's evaluation**

The technical committee considers that the timeframe for completion of capping all areas of deposited waste at the landfill should not be amended and such works should be carried out by 31<sup>st</sup> December 2002. This would require the Co. Co. to schedule the dates for cessation of waste disposal at the site in advance to ensure that the landfill is capped by the due date.

**Recommendation**

No Change

**Ground 4 (Condition 5.1)**

The applicant requests that Condition 5.1 is amended to allow the deposition of up to 50 tonnes per annum of cement bound asbestos waste. This waste originates in Co. Westmeath and is deemed to be non-hazardous under the European Waste Catalogue.

**Technical Committee's evaluation**

The technical committee considers that the reference to asbestos waste in Condition 5.1 should be removed to allow the acceptance of non-hazardous asbestos waste (e.g. cement bound asbestos) at the facility. The acceptance of the hazardous type of asbestos would still be prohibited under the definition of 'hazardous waste'. The proposed decision should also be amended to include conditions relating to the proper handling and disposal of this material as recommended below. This will ensure that no environmental concerns arise from the disposal of this material at the landfill.

**Recommendation**

**Amend Conditions 5.1 as follows:**

No liquid waste or hazardous waste shall be disposed of at the facility. Other wastes whose disposal is prohibited at the facility are; septic tank waste, silt and dredgings, animal waste (e.g. offal, hides, bones, excrement or blood), dried paints (including dried varnish and lacquer), latex and rubber solutions.

**Include new Condition 5.13:**

5.13 Non-hazardous Asbestos Waste

5.13.1 Only non-hazardous asbestos waste shall be disposed of at the facility.

5.13.2 Non-hazardous asbestos based construction and demolition waste must be double wrapped in heavy gauge plastic which is clearly labelled to indicate the presence of asbestos.

5.13.3 Disposal of non-hazardous asbestos waste shall be into prepared bays or trenches of at least 2 metres in depth.

5.13.4 Deposited non-hazardous asbestos waste shall be covered immediately with at least 250mm of suitable material. At the end of the day, the waste shall be covered with a minimum of 500mm of suitable material.

**Amend Table G.1 Waste Acceptance to include the following:**

WASTE TYPE	MAXIMUM TONNES PER ANNUM
Construction and Demolition	1,450
Non hazardous asbestos	50

**Ground 5 (Condition 8.5)**

The timeframe for restoration of the landfill should be extended from 30<sup>th</sup> June 2004 up to 31<sup>st</sup> December 2005.

**Technical Committee's evaluation**

The technical committee considers that sufficient time is available for restoration of the landfill after it has been capped (31<sup>st</sup> December 2002). The timeframe specified in Condition 8.5 (30<sup>th</sup> June 2004) will allow for the phased restoration of the landfill.

**Recommendation**

No change

**Ground 6 (Schedule G.1)**

*The applicant requests that the total quantity of municipal waste which is accepted at the landfill should be increased to 19,000 per annum.*

**Technical Committee's evaluation**

The disposal of 19,000 tonnes per annum of municipal waste and the associated environmental impacts have not been addressed by the applicant in its application. The applicant applied for an annual municipal waste tonnage of 11,700 tonnes (Household: 9,300 and Commercial: 2,400) and this was the quantity specified in the proposed decision. The technical committee considers that the maximum municipal waste tonnage accepted at the facility should remain as specified in the proposed decision.

**Recommendation**

**No change**

**General comment**

*The Co. Co. are concerned that the works specified in the proposed decision would not be completed within the timeframes given and as a result would lead to non-compliance with the waste licence. This could affect the public perception of the Council's commitment to the environment and the Waste Management Plan for Co. Westmeath. It suggests a meeting between the Agency and the Council to discuss the matters referred to and in particular the timeframes proposed.*

**Technical Committee's evaluation**

The issues of timeframes and specific works objected to are dealt with above. The onus is on the applicant to ensure that the works required by the licence are undertaken within the timeframes specified and that all Conditions of the waste licence are complied with. The technical committee considers that the meeting requested between the Agency and Westmeath Co. Co. is not appropriate at this time and all of the issues raised in its objection have been adequately addressed above. However, once a final decision has been issued, the Agency should meet with Westmeath Co. Co. to clarify any issue(s) relating to the waste licence.

**Recommendation**

**No change**

Signed:

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Michael Henry  
Technical Committee Chairperson