

Josephine Kennedy

From: Bea Claydon
Sent: 23 February 2011 16:55
To: Josephine Kennedy
Subject: FW: Waste licence application W0248-01
Attachments: CBW reply.doc

-----Original Message-----

From: John Brannigan [<mailto:jbrannigan@cavancoco.ie>]
Sent: 23 February 2011 16:33
To: Licensing Staff
Subject: Waste licence application W0248-01

FAO Josephine Kennedy

Attached submission to objections on above licence

Regards

John

John Brannigan
Senior Executive Officer
Cavan County Council

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Licensing Unit,
Office of Climate, Licensing & Resource Use,
Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

23rd February 2011

Our Ref: MGE0068LT0097GAL
File Ref: 330

Re: Submission by Cavan County Council to Objections made in relation to Proposed Decision of the Agency on Waste Licence Application by Oxigen Environmental Ltd. for Corranure Landfill, Licence Register No. W0248-01

Dear Sir/Madam,

We refer to the EPA's invitation to Cavan County Council dated 24th January 2011 to make a submission to the following objections received by the EPA in relation to the Proposed Decision on Waste Licence Application by Oxigen Environmental Ltd. for Corranure Landfill (Reg. No. W0248-01):

- Mr Edmund McCabe, and
- Cavan Better Waste Management Group c/o Peter Sexton.

The following points are made in response to both objections received by the EPA:

1) The following landfill operations and procedures are implemented at Corranure Landfill in relation to odour management:

- The working face is kept as small as possible,
- All waste deposited at the working face is compacted on a daily basis,
- The working face is covered with suitable material at the end of each day,
- Waste vehicles are covered appropriately,
- An active landfill gas extraction and flaring system exists at the landfill which

includes for vertical and horizontal gas extraction wells, collection pipework, condensate pots and two 1,500m³/hr flare units,

- Surface emission methane surveys are undertaken on a regular basis by the licensee/operator to identify potential odour sources and to allow immediate remedial works to be carried out,
- An extensive landfill gas monitoring programme is carried out in accordance with the existing waste licence,
- The facility telemetry system includes monitoring of landfill gas infrastructure,
- Filled landfill cells are fully sealed with a permanent capping system in accordance with the waste licence,
- Remedial and improvement works are carried out on a continuous basis on the capping system and on the landfill gas infrastructure to minimise the risk of odour emissions, and
- A Landfill Gas Management Plan is operated at the landfill.

In addition, a dedicated Landfill Gas Manager is employed at Corranure Landfill who is responsible for landfill gas management at the facility.

Cavan County Council and Oxigen Environmental Ltd. are willing to explore technical solutions with the EPA which are currently available to further assist in odour management such as gas sensors connected to telemetry systems to determine sources of emissions and sources of odour at landfills.

Cell 3 has ceased accepting waste since early 2010 and is temporarily capped with proposals to provide a permanent capping system in 2011. This proposal will further reduce the risk of odour emissions at the facility.

2) Litter management is carried out on a daily basis at Corranure Landfill which includes the following elements:

- A landfill operative carries out the active management of litter on site,
- The working face is enclosed by a six metre high litter fencing,
- Litter trapped in the fencing is removed as soon as practicable,
- Litter on or in the vicinity of the landfill is removed, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered or reported,
- All waste deposited at the working face is compacted on a daily basis, and

- The working face is covered with suitable material at the end of each day.

3) Significant improvement measures have been implemented to the R188 Regional Road at the landfill in the past number of years in accordance with An Bord Pleanála planning conditions which allows traffic to access the site safely. Improvements included the construction of a dedicated right turning lane, providing a dedicated deceleration lane for accessing the facility, widening the existing R188 road and upgrading the site entrance.

4) Stockproof fencing has been provided between the landfill and the boundary with Mr. McCabe's land and maintenance of this fencing is carried out when required. In addition, improvement works have been carried out at the entrance to McCabe's land adjacent to the landfill. Cavan County Council and Oxigen Environmental Ltd. have been prepared at all times to resolve any reasonable issues raised by Mr. McCabe regarding the landfill facility.

5) A bird control programme is currently implemented with the objective of making food sources inaccessible and living conditions as unattractive as possible for the birds. The following landfill procedures are implemented as control measures against birds:

- The working face is kept as small as possible,
- The waste is compacted with a compactor, and
- The working face is covered at the end of every day with an inert cover material.

Bird control contractors have been operating a multifaceted bird control programme at Corranure Landfill as part of licence compliance for a number of years. In addition a member of landfill staff is responsible for applying bird control techniques on a daily basis which includes the use of bangers, squawkers and helium balloons.

6) There has been no evidence to date of leachate contamination associated with Corranure Landfill at or beyond the facility boundary. The current monitoring programme shows no evidence of the landfill having a significant negative impact on either the ambient water quality in the Corranure and Lismagratty streams or on groundwater quality.

7) Cavan County Council and Oxigen Environmental Ltd. continue to be prepared to resolve any reasonable issues raised by Mr. McCabe regarding drainage on his lands.

8) Oxigen Environmental Ltd. proposed to the EPA that a Site Agent be provided during the operation of Cell 4 to oversee and report to the EPA on the management and operation of the facility. Oxigen Environmental Ltd. also committed to funding this position. The EPA subsequently advertised this position and appointed three independent companies on a framework. The initial 18 month appointment under this framework is understood to have been made to White Young Green. This appointment of a Site Agent will provide the EPA with additional supervision and continuous presence at Corranure Landfill and will provide increased assurance on the standard of operation and compliance at the facility.

9) Significant investment has been made at Corranure Landfill over the last number of years which has resulted in substantial infrastructural improvements and increased environmental compliance. Both Cavan County Council and Oxigen Environmental Ltd. will continue to work closely with the EPA and will implement improvement measures as and where necessary in order to operate Corranure Landfill in full compliance with the conditions of the waste licence. The proposed integrated management facility at Corranure will be designed and operated to BAT (Best Available Technology) standards.

10) The EU Landfill Directive (1993/31/EC) defined progressive targets for the diversion of BMW (Biodegradable Municipal Waste) from landfill. Oxigen's proposed development will assist in meeting the Directive by:

- Diverting 97% of recyclable waste to be accepted at Corranure from landfill disposal,
- Diverting 80% of commercial and industrial waste and construction and demolition waste from landfill, and
- Processing and diverting 65,000 tonnes of BMW from landfill annually.

The application by Oxigen Environmental Ltd. to develop an integrated waste management facility at Corranure would provide the necessary recycling, processing and biological treatment capacity required to meet regional and national targets for

waste pre-treatment prior to landfilling and for diversion of biodegradable waste from landfill. The achievement of the diversion rates will reduce the emissions of landfill gases and the potential for odour creation.

11) Cavan County Council do not accept that allowing the landfill operate under two separate licences would create difficulty in enforcing licensing conditions. This perceived (and unfounded) increased difficulty with enforcement cannot be used as a justification for refusing the licences applied for, particularly where the imposition of conditions by the EPA can deal with such concerns, and where it can be clearly ascertained from which site any pollution would emanate. The extensive monitoring information available would allow for distinct and prompt identification of any potential sources of pollution and there is no restriction in the Waste Management Act 1996 as amended or Regulations on facilities being located adjacent to each other.

12) It was clearly outlined in the two separate licence applications to the EPA made in September 2008 that both Cavan County Council and Oxigen Environmental Ltd. entered into a contractual agreement in 2007 to provide environmental indemnities to each other which will become effective on the completion of the proposed sale of lands between the parties. Under this agreement the liability for Cells 0, 1 and 2 would remain with Cavan County Council while liability for Cells 3 and 4 would transfer to Oxigen Environmental Ltd.

In September 2008, at the request of and following discussions with the EPA, Cavan County Council and Oxigen Environmental Ltd. also entered into a separate legal contractual agreement whereby both parties agreed to offer the EPA joint and several liability in respect of any environmental issue relating to the Cell 2/Cell 3 interface area. No liability issue has arisen in relation to this interface area since this agreement was entered into in 2008.

13) Cavan County Council and Oxigen Environmental Ltd. remain fully committed to operating Corranure Landfill to the highest environmental standard.

Cavan County Council request that the EPA give detailed consideration to the points raised in this submission.

Yours sincerely,

Eoin Doyle
Director of Services

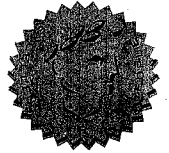
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Cavan County Council

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Courthouse
Cavan

Licensing Unit,
Office of Climate, Licensing & Resource Use,
Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.



23rd February 2011

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Yours sincerely,



Eoin Doyle
Director of Services

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