

Obj ①
W0146-02

Knockharley and District Residents Association.

Brownstown,
Kentstown,
Navan,
Co. Meath.



Licencing Section,
Environmental Protection Agency,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

11th November 2009.

Dear Sir/Madam,

On behalf of the above Association I submit document of objections to the proposed licence W0146-02 in respect of Knockharley landfill, Co. Meath.

In addition we wish to make the following observations:

1. Particularly in the present economic climate the cost of making an objection set at €200 is outrageous. It clearly precludes the vast majority of individuals from exercising their right to object to this landfill which has caused nuisance in our Community from the time it opened. If your intention is to prevent vexatious objections then a charge of €20 will be effective.
2. It is not clear how the proposals with regard to biodegradable waste are to be monitored and enforced. If these requirements are to be effective a very clear and precise programme of monitoring and enforcement must be written in to the licence.
3. The licence allows the EPA to charge the company for any monitoring it has to carry out. In this context a levy of 50c per ton of waste would facilitate the permanent presence of an EPA agent on site. In view of the history to date of nuisance from this facility we urge you to actively consider this proposal.
4. The levy of 1.89 per ton, set a considerable number of years ago, paid in order to mitigate the effect of the landfill on the local Community should be increased to a meaningful contribution of €10 per ton, subject to annual review. This would be in keeping with the aims of "Changing our Ways" and Community gain.
5. The licence W0146-02 allows only for the intake of waste from the North East region. Will this be enforced?

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Patrick Lawlor'.

Patrick Lawlor,
Chairman.

Encl: €200 fee
Handwritten initials or a signature mark.

Knockharley and District Residents Association.

Objections in respect of proposed licence W0146-02 – Knockharley landfill.

Licence Introduction:

"The waste intake is limited to 200,000 tonnes of waste per annum and the facility has an operating life of approximately 14 years."

Action:

This figure should be synchronised with the figure set out in the planning permission i.e. 132,000 tonnes per annum until the end of 2010 and 80,000 thereafter. The fact that the licence indicates 200,000 tonnes has led to confusion regarding the actual level of waste "intake", the amount of waste "placed" in the landfill and the amount of waste for "recovery" with no clear definition of the meanings of "intake", "placed in landfill" or "waste for recovery". This is also encouraging the increased use of landfill instead of decreased use.

Interpretation:

Action:

"Biodegradable Municipal waste" "wood" needs to be defined clearly.
"Construction and Demolition waste" does this include woodchip? This needs to be clearly defined.
"Daily cover" This needs to be clearly defined. Does this include the use of woodchip? In what quantities?
Woodchip has been seen to cause an offensive odour.
"Emission Limits" include "limits laid out in other Regulations"
"Intermediate cover" in the event that soil is not used define the alternative(s).
"Liquid waste" delete "Any waste tankered to the facility" - this does not apply to this facility

Condition 1 Scope of the Licence

1.8 *"...which in the conditions of the landfill..."*

Action:

the meaning of this is unclear

1.9 *"Gypsum wastes shall not be placed in any landfill cell accepting biodegradable waste."*

Action:

Define clearly
Define how this affects C&D waste used as cover material

1.13.2 *"Two or more licensed landfills may seek the agreement of the Agency that collectively they will arrange to comply with condition 1.13.1. Such agreement may be sought by review of the landfill licence for any facility seeking an increase in the limits set out in condition 1.13.1, and by technical amendment of any licence for a facility seeking a decrease. Such agreement will be contingent on the net combined acceptance of biodegradable municipal waste at the participating facilities remaining unchanged."*

Action:

Delete this condition. This provides a facility for companies to sow confusion in the amounts of biodegradable waste being landfilled in any particular facility. It also facilitates up to a theoretical 100% biodegradable waste being dumped in a landfill with all the attendant nuisance.

It is contradictory to the E.U. directives.

We note the EPA legal advisor recommended the removal of this condition

1.14.4 *In the case of bio-stabilised residual wastes, stabilisation means the reduction of the decomposition properties of the waste to such an extent that offensive odours are minimised and that the respiration activity after four days is <10mg O₂/g DM until 1*

January 20 16 and <7mg O₂/g DM thereafter.

Action:

Define "bio stabilised"
Clearly state how this is monitored and by whom.

1.14.6 *Waste that was accepted to the body of the landfill as stabilised waste but subsequently is found not to meet the stabilisation standard set out in Condition 1.14.4 shall be notified to the Agency and included in the calculation of BMW accepted to the body of the landfill when assessing compliance with Condition 1.13.1.*

Action:

State how this is monitored and enforced.

- 1.15. *Where the Agency considers that a non-compliance with any condition of this licence has occurred, it may serve a notice on the licensee specifying:*
- 1.15.1 *That only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice;*
 - 1.15.2 *That the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice; and*
 - 1.15.3 *That the licensee shall carry out any other requirement specified in the notice.*
 - 1.15.4 *When the notice has been complied with, the licensee shall provide written confirmation that the requirements of the notice have been carried out. No waste, other than that which is stipulated in the notice, shall be accepted at the facility until written permission is received from the Agency.*

Action:

Include a condition 1.15.5 failure to comply with the conditions of the licence will result in a withdrawal of permission for the intake of waste.

General comment regarding Condition 1:

What are the implications for emissions from the landfill?

Has the EIS been carried out on the proposed changes in waste accepted – tonnage, type?

What are the health implications for the Local Community?

Condition 2 Management of the facility

2.4 *Communications Programme.*

Action:

Include a condition that a public file mirroring that at the EPA office be available at the facility for inspection by any member of the public.

Condition 3 Facility Infrastructure.

3.15.2 *A Landfill Gas Flare and associated infrastructure shall be installed and maintained at the facility.*

i) *The flare shall be of an enclosed type design and shall comply with the emission limits in Schedule C: Emission Limits, of this licence.*

ii) *The relocation of the gas flaring system to the west of the facility shall be investigated prior to the final location being agreed by the Agency. The report of the investigation will accompany the proposal for installation of landfill gas management infrastructure required under Condition 3.2.1 and shall include the results of modelling carried out on the expected level of emissions.*

Action:

Publish the EIS in respect of ii) above.

Publish the emissions modelling results

Condition 5 Facility operations and waste management

5.7.2 *The working face of the operational cell shall, at the end of each day, be covered with suitable material to minimise any nuisances occurring.*

Action:

Define clearly the waste to be used a cover material – specify or otherwise the use of woodchip and waste with a gypsum content

5.9.5 *Unless otherwise agreed, filled cells shall be permanently capped within 24 months of the cells having been filled to the required level.*

Action:

Why is this changed from previous licence – i.e. 12 to 24 months?

5.12.1 *Re-circulation of leachate or other contaminated water shall not be undertaken without the prior agreement of the Agency and shall only be undertaken within cells, which have been lined and capped to the satisfaction of the Agency.*

Action:

Publish the EIS carried out on the proposal to re-circulate leachate

General comment regarding Condition 5

How are cells to be kept totally independent of each other? In particular how is the gypsum waste completely separated from bio waste as required and what are the implications for its use as a cover material?

Condition 6 Emissions

6.10.1 *Within six months of the date of grant of this licence, the licensee shall submit to the Agency for agreement an Odour Management Plan (OMP) for the facility. The plan, as agreed, shall be implemented from the time of commencement of waste activities unless otherwise agreed by the Agency.*

Action:

This is superfluous. Condition should reflect changes from July 2010

6.10.7 *All odorous or odour-forming wastes shall be covered as soon as practicable and in any case at the end of the working day.*

Action:

Remove this condition. The acceptance of odorous waste which to date has caused nuisance is a de facto breach of the conditions of this licence. Replace with a condition to ban the intake of odorous waste.

6.11 *Air Emissions*

The licensee shall install a continuous VOC monitor with directional information at the school (if agreed) otherwise at a location on a site agreed by the Agency. This requirement will be reviewed by the Agency on an annual basis.

Action:

This condition has not been enforced.

Condition 6 additions:

Include a condition requiring regular monitoring of emissions offsite.

Condition 8 Monitoring.

Action:

Include a condition regarding noise monitoring.

Condition 11 Reports and notifications

11.8 *Waste receipts*

The licensee shall provide a written acknowledgement (to carrier/waste contractor) of receipt of each delivery of waste to the facility (for disposal in the landfill).

Action:

It is vital that this condition applies to ALL deliveries to the facility including waste for "recovery".

Schedule A Waste Acceptance

Action:

Amend this schedule to reflect the agreed maxima as set out in the Planning Permission granted for this facility, particularly in light of directives which promote reduction of waste going to landfill.

Where are the safeguards against contaminated c&d waste being dumped?

Schedule D: Monitoring

D.3 *Dust*

Table D.3.1 *Dust Monitoring frequency and technique*

Action:

Clearly and precisely define controls regarding dust emissions.

Report on a two weekly basis because

- a. of history of "unsuitable" samples reported
- b. a high level of dust emissions over a period of days will be diluted when extrapolated over a

longer period.
Monitor dust off site to examine impact locally
Monitor content of dust on and off site

D.7.1 Landfill gas utilisation plant/ Enclosed flare parameters and monitoring frequency

Action;

Strict MONTHLY monitoring of emissions from the flare(s) – in particular SO₂ emissions because of the considerable health risk to the local Community

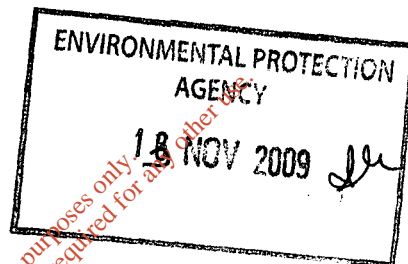
General comment on Monitoring:

There is a requirement under EU directive for Energy Plants to include P.M. 2.5 monitoring.

Action:

Include a condition to this effect

N.B. Monitoring should be concentrated, on and off site, in sensitive areas i.e. areas close to the facility boundary, areas downwind of the facility in the path of the prevailing wind and the local Primary School.



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