

Sub. (84)

Walshestown,
Lusk,
Co. Dublin.
29th of March 2007

DR. Ian Marnane, Inspector.
Licensing Unit,
Environmental Protection Agency,
Johnstown Castle Estate,
Wexford.

Re: WO 231-01
Proposed Landfill at Tooman/Nevitt, North County
Dublin.

A Chara,

As I look at this proposed landfill, the situation seems very simple to me. Is the EPA going to allow Fingal County Council to destroy our huge horticulture industry and to contaminate the vast water source that lies beneath the proposed site, by issuing them with a Waste Management Licence???

I understand that if the "Zone of Contribution" for any water source public and industrial intersects a landfill it is automatically an R4 situation which means you cannot put a landfill in these areas, the risk of contamination is too great to allow the landfill to go ahead. The "Zone of Contribution" for both Thomas Moore and Thomas Kerrigan's wells, which are used for the processing of vegetables for the Irish food chain, intersect the footprint of the landfill. (As identified in White Young & Greens report to you ref. submission No. 63 Page V.)

There is no question that a major ground water source exists in the Nevitt. A solid mass of hard evidence has been produced to corroborate this including the following:

- Bog of the Ring Public water supply, 4 million ltrs per day.
- Country crest vegetable producer 2.5 million ltrs per day.
- Moores vegetable producer 750,000 ltrs per day.
- Murray vegetable producer 850,000 ltrs per day.
- Kerrigans vegetable producer 1 million ltrs per day.
- Bergins vegetable producer 2 million ltrs per day.
- FCC carried out 3 pump tests in the Nevitt and the yields were 625,000, 525,000 & 352,000 ltrs per day respectively.
- Nevitt group produced video evidence of all artesian wells.
- Nevitt group produced video evidence of all the wells where the water level is equal to or above the ground.

While all the above figures are approximate repeated monitoring has proven that they can be sustained.

At the recent An Bord Pleanala, oral hearing The Nevitt was clearly and categorically, identified as a potential future public water source by Mr. Kevin Cullen when questioned by Mr. Johnston the AN Bord Pleanala Inspector. The next question put to Mr. Cullen by the Inspector was, 'Was this water source sustainable along side the proposed landfill'? Mr. Cullen's answer was "No" you could have one or the other but not both. In other words this potential public water source would be rendered useless by using the proposed site for landfill. All consultant hydrogeologists' who have expressed an opinion on this issue' agree with this sentiment.

In Mr. Kevin Cullen's recent letter to the EPA, he clearly identifies the Fissured Bedrock Aquifer on which it is proposed to place this landfill, as Ireland's largest ground water source.

Fingal County Council doesn't seem to recognise the worth of this aquifer and regard its use as a public water source as non-viable and non sustainable, This is not accurate. The related costs associated with developing this source is far less than the 600 million Euro proposed to pipe water over long distances from as far away as the Shannon river. The amount of purification alone required for ground water is minimal compared to that required for surface water. The risk of contamination to surface water is far higher, than the risk of contamination to ground water. We have all witnessed this with the drastic situation in Galway, over the last few weeks. Mr. Paddy Boyle in his recent letter to you ref. submission No. 83, highlighted these issues with evident. Mr. Boyle also draws our attention to, the issue of, how underdeveloped our ground water resources are in Ireland, compared to other European countries.

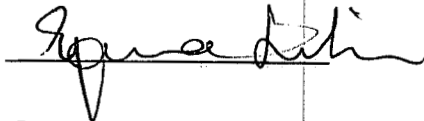
To grant permission for this proposal would be the death knell to the horticulture industry, the only water supply in Fingal and the potential future development and extension to the only water supply in Fingal.

In the EPA's report "Water Quality in Ireland 2005", this aquifer is identified as been as pure a water source as can be found in the country, showing a zero level of Faecal Coli forms and the lowest reading for Nitrates. Are you going to allow it to be forever destroyed by granting Fingal County Council a Waste Licence for this facility????

Lets all remember one thing, Waste is Waste but Water is Life. Without Water there can be no life.

Looking forward to a response,

Yours Faithfully,



Gemma Larkin

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