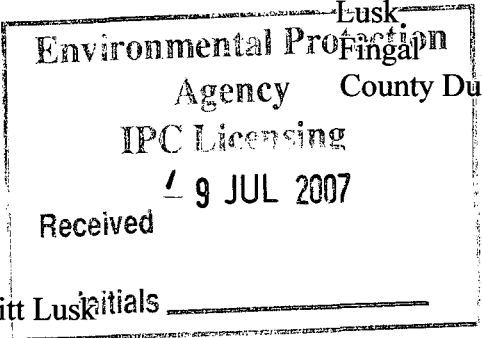


Dr. Ian Marnane
Inspector
EPA [Waste Licencing Section]
Po box 3000
Johnstown Castle Estate
Co Wexford
20/06/07

Baile Na Ridire



Ref. WO231-01 Proposed landfill at Nevitt Lusk initials _____

Dear Dr. Marnane,

Please accept the enclosed information as a submission.

The water supply at the Nevitt in the aquifer of Fingal.

The warning signs;

The horticultural industry of Fingal can be traced back 300 years approx. and obviously depends on access to millions of litres of water per day.

Rouques map of 1750 showing the Bog of the Ring beside the Nevitt. We now know the reason why; gravel , bedrock sloped, fault line etc.

The map of the year 1836 , showing all the risers in the area [water coming out of the ground].

The two old walk in artesian wells [3 meter deep approx] at Whelans and Mourns.

Talk to Jim Burke , the original engineer with Dublin city Council Board of Works [Fingal Council not an entity yet] to work on the Bog of the Ring in 1963. Nevitt Lusk Action Group NLAG asked Jim for a report [previous submission] which basically says this whole aquifer is one huge water resource, it is all connected. Since then we know why the aquifer is all connected; gravel. Bog of the Ring, Annsbrooke, Corduff, all the wells drilled through out this aquifer , all the old and new gravel quarries and of course the old gravel quarry in the NEVITT.

At this stage, they knew a major North/ South fault line existed from the water supply, through the Nevitt and through Annsbrooke . Obviously, a major pathway for water and leachate.

The first well , that was drilled in Maggie Kavanagh field is artesian. The well water flooded the field , road and later a team had to come out and capped the well. The cap eventually blew off the well [all recorded and Dr. Paul Ashley also saw this well]. Alarm bells should have been ringing at this stage.

When the wells were been drilled in the Nevitt, it was obvious to the drillers that there was lots of gravel, lots of water and very little clay.

Dr. Paul Ashley first report clearly states that the public water supply would be at risk.

GSI report , which clearly shows the zone of contribution zoc extending into the Nevitt and therefore R4.

Alarm bells should have been ringing constantly at this stage.

Some examples of the amount of water that the wells in and around the Nevitt are capable of producing ;

- Bog of the Ring	.....	3.500000 million litres per day LD
- PW1	.....	560000 LD
- PW2	.....	311000 LD
- ASA2	.....	623000 LD
- T Moore	.....	645000 LD
- T Bergin	.....	2.000000 LD
- J Thorne	.....	872000 LD
- C Crest	.....	3.216000 LD
- J Murray	.....	872000 LD
- Kerrigans	.....	1.000000 LD
- HR6	.....	artesian
- HR13 , ER9	.....	water level with ground
- BSA1 , ER8	.....	water level above ground
- BGB1	.....	artesian
- ER1	.....	artesian

White Young and Green report clearly showing two industrial wells [Moores and Kerrigans] ZOC extending into the Nevitt and therefore R4.

KT Cullen clearly indentifying a new water supply at the Nevitt

The aquifer of Fingal is full of industrial wells and therefore R4.

RPS indentifies potential locations for new water supplies around the Nevitt area.

We are asking ; Eamon Walsh ,Senior engineer[recently moved]
Gilbert Power , Project Supervisor [recently moved]
The main RPS crew that have spent years on the Nevitt EIS
Larry O Toole
Shane Herlihy
Con Wilson
Kevin White

That all six people write in to the EPA , explaining why all the warning signs were ignored. We are not accusing any of you gentlemen of anything .We feel they owe the people of Ireland [55 % of horticultural food supply of Ireland at risk] and the people of Fingal [two of there water supplies at risk] are entitled to an explanation .

We also want to know , why you six gentlemen are recommending to put a landfill in the center of the biggest , cleanest food producing aquifer in Ireland , here in Fingal. As you know , this proposed landfill is beside a public water supply [with seven pathways to the Nevitt], and on top of a future water supply at the Nevitt , with huge depths of gravel. Remember, gentlemen, there should be ZERO risk to our water supplies and our food supplies. May we recommend you read the EPA 20 / 20 vision.

Deaglan De Faoite

On behalf of NLAG ; Deaglan De Faoite .

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