Hudro Risk Ass Report Sub. No 4.

ENVIRONMENTAL PROTECTION AGENCY

1 9 MAR 2009

Knightstown Lusk Co. Dublin 5/3/09

Mary Kelly EPA Fingal Landfill Project WO231-01

To EPA.

In relation to yet another incomplete report from the applicant FCC /RPS, I refer to page 20 [Feb 09] and it states, Landsim does not account for the processes of diffusive flux, it is not an appropriate model to predict impacts arising from the migration of contaminants throughout the entire lifecycle of the site.

Dr. Paul Ashley from London, told you this many months ago, so why did you use Landsim? Then you people decided to stick on a spreadsheet with ranges with all its limitations? Is this some sort of a technical joke?

The applicant has presented three different Non Technical Summaries [ none of them complete or correct, where is the Horticultural industry, artesian conditions , etc?, non technical people would be able to understand this basic information no problem ]. Why is the EPA not asking for a proper non technical summary?

We have been informed that the EPA is not putting up all information on the EPA web site in relation to this project. This is un acceptable and Some people may accuse the EPA of being part of a cover up. To make sure this scenario does not happen, we expect all information to be up on the EPA web site. A number of copies of this letter is being sent to different departments in the European Commission.

The applicant has presented three different bedrock and gravel maps [ none of them complete or correct, where is the NS feature? ]. Why is the EPA not asking for a proper set of maps?

They have admitted that another section in the EIS is incorrect in relation to trench 17 / 19. Broken bedrock detected approximately 1 meter below the surface. Why is the EPA not asking for this section to be modified in the EIS?

Where is the depth of clay map?. This map is so basic. Why is it not in the EIS? and why is the EPA not asking for this map?

They have admitted they got the quantity of waste wrong in the illegal landfill. Is the EPA interested in knowing the correct figure, officially?

Who decided to take off a corner of Nevitt Townland in the EIS. Of course we now know the major N/S fault line goes through the Nevitt. Why did Dr. Ian Marnane EPA not pick up on this and why will he not sign his EPA inspectors report? We also know now, that another smaller N/S fault line is present directly underneath this proposed

landfill. The applicant has confirmed there is a N/S feature. Why is it not on the maps?. Kevin Cullen hydro geologist and Patrick Boyle Engineer have confirmed this feature to be a smaller n/s fault line.

The EPA made a yes proposed decision to put a land fill in the Nevitt based on the first set of bedrock and gravel maps which we now know to be incorrect [two more different versions have been produced]. We told the EPA the maps were not correct many years ago. The EPA now look technically incompetent.

We have been provisionally invited back to give an update at Petition level, in Brussels. As engineers etc, do you think we are happy with how the EPA has handled this process? After all these years, you cannot even present basic maps eg clay map etc.

May I remind everybody that, FCC / RPS / EPA [ yes proposed decision ] are trying to put a landfill in the biggest cleanest food producing Aquifer in Ireland. Can anybody contradict this statement? Thousands of jobs depends on this Horticultural Industry and this industry depends on this water supply being clean and bacteria free. A new water supply has been identified for the people of Fingal and of course Balbriggans towns water supply comes from this aquifer. There are so many pathways for contamination [ gravel, highly fissured bedrock, fault lines, synclines etc.] that this is turning into a technical disgrace.

May we give some advice, it would be unwise for anybody to attempt to cover up this Horticultural industry or this water supply. The EIA directive shows a compressive study must be done.

Ladies and Gentlemen it is time many people wake up because we are not going to give not 1 millimeter in relation to this project and we will save this water supply , horticultural industry [ 300 years to build up] and thousands of jobs . Remember the European Commission EC is with us, in saving this water supply. Then as Engineers, Scientists , business people etc we will make sure an investigation is launched by EC and /or John Gormley Minister for Environment . We want to make sure our water supplies are protected for ever from present and future incompetency.

Le gach dea-ghuí
Deule White

Declan White Bsc [hons]



## **EPA Maps Online**

The Legend must be printed separately.

Sources: EPA, OSI, Teagasc, GSI, NPWS. Printing authorised for personal investigation of environmental issues. Warning: The EPA does not guarantee the accuracy of data presented on this viewer and is not responsible for inco interpretation. If accuracy is important, it is recommended that you obtain a copy of the original maps on which the information is based and verify its accuracy.

If you are printing from Firefox, please stop the download by clicking the X button before printing.

