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14th of March 2009

Ref: W0231-01;

A Chara,

I wish to lodge in form of a submission my grave concerns regarding the 'Hydrogeological Risk Assessment' carried out by the applicant.

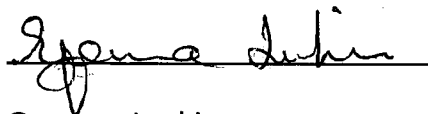
1. The information and investigations used to compile this risk assessment was that which was contained in the original EIS which has been shown to be inaccurate and misleading.
2. Areas which required further investigations as recommended by the GSI and all other concerned bodies seem to have been ignored, and no further investigations were carried out. The GSI recommended further investigations to the east & south of the site. There was also part of the site itself which required further investigations. These investigations are required to form a clear and accurate picture, in order to carry out a accurate and true "Hydrogeological Risk Assessment"
3. While the importances of good geotechnical practices are acknowledged, there is no indication as to what technique is to be used. Without this

information one can not carry out an accurate and true "Hydrogeological Risk Assessment"

4. There is no indication as to the probable effects of this landfill on industry in this area, considering that the prominent industry is the "Horticultural Industry" and this industry's total dependence on clean, sustainable water from the landfill's underlying aquifer and streams in the area. This is incredible and totally unacceptable, considering what is at RISK.
5. At each of the oral hearings, at this stage 1 EPA hearing and 3 An Bord Pleanála hearings, it has been shown that it is uncertain that 10 meters of soil to remain as an overburden when all initial site preparation is complete. Alongside this a question mark still remains as to the sands and gravel levels beneath the site. This risk assessment continues to show an overburden of 10 meters of clay, no change in the initial sand, gravel or bedrock maps and no further investigations.
6. This "Risk Assessment" does not indicate what risk this proposed development would have on the underlying water resource, which has the potential to be of great assistance to the needs of the greater Dublin area. The underlying aquifer is shown as part of the "Loughshinny Formation" having the potential to supply 40 million liters of water a day, as indicated in the report commissioned by Dublin City Council and published in Nov. 2008. (Water Supply Project Dublin Region, Draft Plan)

In my opinion, this is not an accurate or comprehensive Risk Assessment and insufficient in order to assess if this proposed landfill is a threat to our environment.

Kind Regards,



Gemma Larkin