

Sub. No. 76

**Noeleen Keavey**

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**Subject:** FW: MEHL Application WO129-03

**From:** Paddy Boyle [mailto:paddyboylrush@hotmail.com]  
**Sent:** 04 September 2012 14:06  
**To:** Wexford Receptionist  
**Subject:** MEHL Application WO129-03

To: Mr Brian Meaney, EPA Inspector  
Dr. Marcus Ford, Consultant Hydrogeologist

Ref: MEHL Application WO 129-03

Dear Sirs,

The most recent Article 14 and 16 submissions by the applicant indicate pH values in excess of 12, and high heavy metal content in the Indaver/Carronstown flyash.

Based on these figures it would be normal to expect similar results for the bottom ash at Carronstown and also at Poolbeg, in keeping with similar European municipal waste incinerators.

**Airborne Quicklime Health Hazard**

As you are aware the high pH values are due primarily to the presence of Calcium Oxide ( Quicklime ), which if it were to become airbourne at the MEHL site would constitute a considerable health hazard. For this reason we agree with the applicants reasoning in their recent Article 14 response that "stabilization" or "curing" of the quicklime-containing bottom ash in the traditional manner i.e. in surface "windrows", as practiced at Moneypoint power station, would not be safe, due to the close proximity of residents to the MEHL site, and the high probability of accidental emissions in such an exposed hilltop location.

**Hazard to Groundwater posed by overheating of unstabilized bottom ash**

As we have previously indicated to you there is a considerable danger of the destruction of the landfill liner system associated with the bulk monofilling of unstabilized bottom ash due to overheating. The presence of iron in the ash is known to add to the overheating problem. The resultant emission would be leachate containing heavy metals and would pose a hazard to groundwater.

**Most importantly the EPA are fully aware that licenses were issued to Indaver and the Poolbeg incinerator project to export bottom ash in an unstabilized condition.**

In the light of the above widely accepted hazards, residents of Hollywood are concerned and feel entitled to know precisely how MEHL and the EPA will ensure that the proposed bulk disposal of unstabilized bottom ash is to be carried out in a safe manner, and hereby request a detailed technical reply prior to any proposed decision, in order that the residents may participate fully in any final decision on this most important aspect of the application.

May we also take this opportunity to remind you of our request to meet with Dr Marcus Ford to discuss our concerns on matters relating to the Hydrogeology of the proposed site, and in particular relevant matters which we feel were omitted by the applicant.

Yours truly,

Patrick Boyle, BE

For and on behalf of Hollywood Residents Conservation Group

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