



Attachment 06

EPA Correspondence Re: Lining System

For inspection purposes only.
Consent of copyright owner required for any other use.

For inspection purposes only.
Consent of copyright owner required for any other use.



Mr Joe Ryan
Environmental Manager
Clonbulloge Ash Repository
Derrygreehagh
Rochfortbridge
Mullingar
Co. Westmeath

Environmental Protection Agency
Regional Inspectorate, Mr Conrisky House
Richview, Clonsilla Road, Dublin 14, Ireland
An Ghnóthaireacht um Cheomhínú Comhsh.
Cigireacht Réigiúnach, Teach Mhic Chumascaí
Dea-Radharc, Bóthar Cluain Sceach
Baile Átha Cliath 14, Éire

T: +353 1 268 0100
F: +353 1 268 0199
E: info@epa.ie
W: www.epa.ie

Lo Call: 1890 33 55 99

24th August 2005

Our Ref: 49-1/AK22DM{Aug'05}

RE: Amendment of Lining System

Dear Mr. Ryan

I refer to your correspondence in relation to Waste Licence Reg. No. 49-1 received by the Agency 23/03/05 and to Mr. Donal Wynne's telephone discussions with Dr. Jonathan Derham, Office of Licensing and Guidance on 23/08/05 with regard to your request to amend the specification of the lining system to be used in Phase 3 of your facility for the acceptance of ash from peat combustion at Edenderry Power Ltd's power station in Edenderry in accordance with Condition 4.9.1 of your Waste Licence. The Agency has assessed your proposal and I am to advise you that your proposal is agreed by the Agency in accordance with Condition 4.9.1 subject to the following.

1. The Geosynthetic Clay Liner (GCL) and composite drainage layer proposed shall both be installed along the entire slope of the cell and not just to a height of 1 meter as proposed.
2. The prepared subsoil floor of the cell and the side slopes shall be overlain with a geo-synthetic clay liner (Bentofix or similar approved), having a permeability of approximately 2×10^{-11} m/s.
3. The Bentofix shall be overlain with a synthetic drainage material. This will replace the granular leachate collection layer originally specified.
4. You are reminded of the requirements for supervision and Construction Quality Assurance as specified under Condition 4.1.4 of your Waste Licence relating to Specified Engineering Works.
5. The licensee shall ensure that water or leachate used in the dampening of the ash initially deposited in Phase 3 of the facility is of a pH in the range of >6 and <9 . Records should be kept of the pH of liquid used for the dampening of this ash.
6. The licensee is also required to inform the Agency in writing in advance of the commencement of the lining works.





Please quote the above reference in any further correspondence in relation to this issue.
If you have any queries, please contact Damien Masterson at the number above.

Yours sincerely

A handwritten signature in black ink that reads "Damien Masterson". The signature is written in a cursive style with a large initial "D".

Mr. Damien Masterson
Inspector
Office of Environmental Enforcement

For inspection purposes only.
Consent of copyright owner required for any other use.