

Dr. Andy Sleeman  
Bedrock Section  
Geological Survey of Ireland  
Beggars Bush  
Haddington Road  
Dublin 4

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
Ceanncheathrú, Bosca Poist 3000  
Eastát Chaisleán Bhaile Sheáin  
Contae Loch Garman, Éire  
T: +353 53 916 0600  
F: +353 53 916 0699  
E: info@epa.ie  
W: www.epa.ie  
LoCall: 1890 33 55 99

Date: November 30 2006

our ref. W0231-01

your ref.

**Re: Waste Licence Application Ref. No. W0231-01, Fingal Landfill**

Dear Dr. Sleeman:

As you may be aware, we have been in contact with your colleague Natalya Hunter Williams with regard to the application from Fingal County Council for a Waste Licence to develop a landfill at a site in north County Dublin. As a result of ongoing assessment of the Waste Licence Application (No. W0231-01) I have a query in relation to the bedrock in the area of the site on which the Agency would appreciate your comments. I have set the question out below:

- (i) Information from GSI Sheet 13 Geological Map (as included in the EIS) indicates that the proposed site is underlain by the Loughshinny Formation in the northern part of the site, and also by the Naul and Lucan Formations in the middle and southern parts of the site. With regard to the geological formations underlying the site, could the GSI review available information from the EIS (e.g. borehole logs) and provide any comments as to whether the data available from borehole logs suggests a different distribution of the various bedrock formations compared to those determined from Sheet 13. Figure 4.1 of Volume 5 Appendix I provides details of the locations of boreholes within the footprint, while borehole locations over a larger area are detailed in Figure 8 of Volume 5 Appendix H. Figure 4 in Volume 5 Appendix H details the bedrock geology and the relative location of the landfill footprint.

I have enclosed a copy of the EIS in electronic format however should you require any further information or require hard copies of the documents we will be happy to supply these to you.

The Sections of the report relevant to the site geology/hydrogeology are as follows:

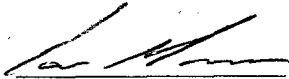
- o Volume 2 (Main Report) – Section 3.18
- o Volume 5 (Technical Appendix H & I)
- o Volume 5 Supporting Documents:



- Ground Investigations Volume I (Part A)
- Ground Investigations Volume II (Photographs)
- Ground Investigations Factual Report (No. 05-271)
- Geophysical Investigation
- Factual Ground Investigation Report (No. 9716)

Please let me know if you require any further information.

Yours Sincerely,



*Dr. Ian Marnane*

Inspector

Licensing Unit, Office of Licensing and Guidance