

## Mandy Dando

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**From:** Diarmid Henry  
**Sent:** 13 April 2012 08:44  
**To:** Development Control  
**Subject:** FW: Stowey Quarry - application to dispose asbestos by landfill  
**Attachments:** Attachments\_2012\_04\_12.zip

This message contains the noise report which I forwarded yesterday.

Kind regards,

Diarmid

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**From:** David Dickerson [<mailto:david.dickerson1@btinternet.com>]  
**Sent:** 12 April 2012 23:26  
**To:** Diarmid Henry  
**Cc:** Environmental Monitoring  
**Subject:** Stowey Quarry - application to dispose asbestos by landfill

Dear Diarmid,

Thank you for your and Alun's time today to discuss aspects of noise related to the above. I attach a pdf version of my noise report for your use and circulation.

I also attach a pdf version of the summary evidence to oppose planning permission from the Stowey Sutton Action Group, I understand that hard copies were handed into BANES at the Guildhall this morning.

I have tried to get in touch with Nicola a number of times today to discuss air quality aspects of the ES but the line has been busy. These aspects are summarised in Chapters 5 and 14 of the attached document but I would like to elaborate a couple of points below:

1. Hill View House is just beyond the 200m specified in LAQM.TG(09) for the quarry to be a relevant source (estimated 225m to nearest landfilling activity); however Hill View House will be affected by particulates released from landfilling operations for north-easterly to easterly wind directions. The Bristol wind rose presented in the ES suggests that these directions will occur for approximately 20% of the time. The western façade of the quarry is nearly 300m long and whilst there will be vertical dispersion of particles, horizontal dispersion will be minimal at the distance of Hill View House. Whilst it is unlikely that the annual PM10 AQS would be exceeded because particulate concentrations associated with other wind directions will be minimal, it is possible that the 50  $\mu\text{g}\cdot\text{m}^{-3}$  24-hour mean 90.41<sup>th</sup> %ile (35 times per year) could be exceeded. This is not considered in the ES.
2. The Asbestos Disposal Method Statement and Monitoring Requirements (Appendix 9 of the ES) refers to the Air Quality Criteria for "Asbestos (non-**chysolite**)" ... which should be "**non-chrysotile**". Chrysolite is a gem stone and this mistake suggests that the writer of this document has little understanding of the various types of asbestos. The document ignores the second Air Quality Criterion for asbestos of no safe level issued as a guideline by the WHO and reiterated by EC Directive 87/217/EEC dated 19th March 1987 as amended by Regulation 1882/2003/EC and Regulation 807/2003/EC (see Environment Agency publication M17 - Monitoring of particulate matter in ambient air around waste facilities).
3. The wheel wash will only be used to prevent mud from the site getting on to the adjoining road, this is therefore not likely to be used in dry weather and will be of little use in decontaminating HGV's from asbestos fibres.

Another interesting aspect of the planning application document is that in Box 23 headed "Hazardous Waste", in response to the question "Is any hazardous waste involved in the proposal?" The applicant has responded "**No**" which indicates a total lack of understanding of the properties of asbestos by the applicant.

I hope that these points and the other issues raised in the attached documents will encourage and assist you as a Statutory Consultee to comment on the application and Environmental Statement.

Kind regards  
David

**Dr David Dickerson**

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