[redacted]

From: Bailey, Rowena
Sent: 01 October 2020 14:42
To: Frith, Helen <helen.frith@ambervalley.gov.uk>
Subject: RE: ava/2020/0715

Helen,

[redacted]

The Coal Authority response states that:

> *"The Intrusive Ground Investigation Report does not provide any assessment of the risk posed by mine gas migration. Given the presence of shallow coal beneath the site, the LPA may consider it prudent to seek comments from the Council's Environmental Health / Public Protection Team on this matter and any resultant need for gas monitoring and/or the incorporation of appropriate gas protection measures within the proposed development."*

I recommend that the following condition is attached requiring either gas monitoring to assess the risk, or precautionary protection measures:

No development shall take place until:

> A satisfactory ground gas investigation and risk assessment has been carried out and submitted to the Local Planning Authority for approval in order to determine what, if any, ground gas protection measures may be required.
>
> or
>
> details of appropriate ground gas mitigation measures to be installed in the building(s) in lieu of any ground gas investigation have been submitted to the Local Planning Authority.

The investigations, risk assessment and remediation methods, including remedial mitigation measures to be installed in lieu of investigation, should be carried out or assessed in accordance with the guidance contained in BS8485:2015 *"Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings."*

Reason: Since the site has been identified as being potentially at risk from offsite ground gases and to protect human health and buildings.

Regards,

Rowena

Rowena Bailey | Scientific Officer

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Making a Difference for Amber Valley

I work part time and my working days are Tuesday, Wednesday and Thursday



