



**The Coal
Authority**

Resolving the **impacts** of mining

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG
T: 01623 637 119

E: planningconsultation@coal.gov.uk
www.gov.uk/coalauthority

Mr Daniel Cox
e3p

[By Email: dan@e3p.co.uk]

7 June 2017

Dear Mr Cox

**Land South of Church Street, Church Gresley, Swadlincote, Derbyshire, DE11 9PT –
Review of Technical Documents**

Further to your email of 25 May 2017 and subsequent conversation with Mr Paul Hatch of our Business Development team I have been asked to review the Desk Based Geo-Environmental Assessment (June 2016) and Phase II Geo-Environmental Assessment (May 2017) that you provided to us in light of the coal mining legacy issues that we highlighted in the High Level Risk Constraints Report dated 16 February 2017 that we previously prepared for you for this site.

In undertaking this review of these two reports, I have also sought technical advice from my colleague, Paul Heap, Licensing and Permitting Manager.

As your two reports, together with our High Level Risk Constraints Report, highlight, there are three recorded potential coal mining legacy hazards to consider in relation to the development of land south of Church Street, Church Gresley, namely: recorded mine entries adjacent to the site boundary; the potential presence of historic unrecorded underground coal mine workings at shallow depth; and past surface coal mining activities (opencast mining).

Having reviewed the Desk Based Geo-Environmental Assessment we are fully satisfied with your conclusions in regard to the potential influence of the off-site mine entries. Having accurately plotted their locations and then incorporating the precautionary 'stand-off' zone that you recommend and superimpose on the proposed site layout plan at Appendix III ensures they will not pose a risk to new development.

We are also satisfied that due consideration has been afforded in the Phase II Geo-Environmental Assessment to the potential risks posed by historic unrecorded underground coal mine workings at shallow depth within the parts of the site that have not been excavated by past opencast mining, as

identified in red hatching on the plan on page 59 of your report. We fully support your recommendation for further targeted probing investigation works within those specific parts of the site to identify if any remedial measures are required in these parts of the site.

Consideration of the geotechnical engineering sections of the report for re-engineering the site to provide a stiffened soil platform to address the past surface coal mining activities are outside the scope of the advice that has been sought from us at this time.

Please do not hesitate to contact me if you wish to discuss this matter further.

Yours sincerely

Mark Harrison

Mark E. N. Harrison *B.A.(Hons), DipTP, LL.M, MInstLM, MRTPI*

Principal Manager – Planning & Local Authority Liaison