Haigh Huddleston & Associates
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Our Ref: E20/7768/JF/001

18th May 2023

(Email Only)

FAO: Matthew Robinson
Martin Walsh Architectural
Firth Buildings
99-103 Leeds Road
Dewsbury
WF12 7BU

Dear Sir,

Re: Lindley Moor Road, Lindley

Further to the intrusive site investigation works detailed in the Haigh Huddleston & Associates Geo-Environmental Ground Investigation report (Ref: E20/7768/R002 Dated: April 2022), we understand that Kirklees Council have raised concerns regarding the shallow coal seam encountered on site and the potential risk to future site residents.

The coal seam has primarily been encountered at shallow depth on the site in the south-east, in the vicinity of proposed unit P. In particular, to the west of Unit P where existing ground levels are proposed to be cut into the slope and install a wall to retain the land to the west at a higher level, and in the north east of Unit P where there is the potential for the shallow coal to be encountered during foundation and drainage excavations.

If the coal strata is encountered within the foundation or drainage excavations, the coal seam should be immediately sealed to prevent spontaneous combustion. Any foundations should be taken beneath the coal seam to the underlying natural strata.

Should the coal seam be encountered within the foundation excavations, consideration should be given to gas protection measures for the building such as sub-floor ventilation, provision of a gas membrane and the installation of a monolithic reinforced slab with minimal penetrations to provide reduced migration pathways into the property, and a preferred pathway to the atmosphere.

Due to the potential for combustion, a minimum of 1m clean inert cover should be provided to the shallow coal seams where they are encountered on site. If the final proposed levels do not allow for 1m cover to be provided, the coal should be excavated to a minimum of 1m below proposed ground levels prior to clean capping being installed.

During all regrading and excavation works, there are to be no sources of combustion in the vicinity of the shallow coal.

We hope that the above is sufficient for your requirements. However, should you have any queries please do not hesitate to contact me direct.

Yours sincerely,

MICHAEL DEAN BSc (Hons) HND
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