Michael D Joyce Associates LLP
Geotechnical and Geoenvironmental Consultants

Your ref:

Our ref: ADJ/DJM/11319

Date: 1st November 2022

Ms. N. Heaney
Kirklees Council

By Email

Dear Ms. Heaney

Re: 2022/91552-33 Belle Vue Street, Batley

I write in respect of your Consultation Response from Kirklees Council Environmental Health.

Please would you kindly note that we have taken into account the possibility of mine gases, and have included them within ground gases in general. However, there is no evidence of shallow workings, and the deepest recorded workings are at 281m depth. In our experience, this is too deep to be of concern. Further, any gas generation from the landfill should now be minimal given the type of waste (non-biodegradable), and that operations ceased almost 40 years ago.

We concluded that the overall risk associated with all gound gases is now low (Section 9.11) based on the above, and the installation of the radon barrier, which we understand has been inspected and signed off by Building Control. As such we do not consider that a period of gas monitoring is necessary, as this will not indicate severe adverse conditions where the gas protection measures are insufficient.

Yours sincerely

A D Joyce

Charnock Court 6 South Parade Wakefield West Yorkshire WF1 1LR UK (Reg No. OC 302905)
T +44(0)1924 360458 **E** mdja@geoenvironmental.co.uk **W** www.geoenvironmental.co.uk
Partners: Anthony D Joyce BSc MSc ARSM CEng CGeol CEnv MICE FGS SiLC SQP
Michael D Joyce HonDSc (Consultant) Christine M Joyce