

Harding Hydro
68 Larkhill Road
Shrewsbury
Shropshire
SY3 8XJ

Date: 23rd August 2021

Our Ref: C600-MM-001

By Email: barnaby@hardinghydro.co.uk

RE: Former Marchon Site, Pow Beck Valley and area from Marchon Site to St Bees Coast, Whitehaven, Cumbria

Application for development of a new underground metallurgical coal mine to include a buried conveyor at Roska Park and Bellhouse Gill Woods and associated development ("the Proposal")

Illustration of potential impacts and mitigation

Dear Barnaby

As you are aware the Joseph Gallagher Group are one of the UK's leading civil engineering and tunnelling contractors, offering a wide range of construction and specialist services. Pipe Jacking ("Trenchless Construction") is a method of tunnelling that we have a wealth of knowledge and experience in and we are well versed in offering integrated design solutions that can cater for a range of existing ground conditions.

In this regard I have had sight of your proposed means of mitigating a range of hydrogeological impacts that may be encountered as a result of the proposed trenchless construction at Roska Park and Bellhouse Gill Woods, and I am satisfied that in practice a range of solutions will be entirely feasible and available to us to create a permeable layer as you have identified in your note.

Yours faithfully



Mark McGeady
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