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Date: 22 December 2017
Our ref: 50303/04/HS/AK/15228470v1
Your ref: NYM/2014/0676/MEIA
Sirius ref: 40-SMP-AUT-LE-0079

Dear Mr Smith

North York Moors: Application to Discharge Condition 30 of NYM/2014/0676/MEIA

On behalf of our client, Sirius Minerals Plc (Sirius Minerals), Lichfields is now pleased to submit this application to discharge planning condition 30 (Blasting and Vibration Management Plan) of NYM/2014/0676/MEIA at Woodsmith Mine.

Details of how Sirius intends to comply with condition 31 (installation, maintenance and operation of equipment) and condition 32 (ground vibration during construction/ blasting) are also included in this document.

Condition 30

Condition 30 of NYM/2014/0676/MEIA states that:

“A Blasting and Vibration Management Plan for RAF Fylingdales shall be submitted to the MPA for approval in consultation with the MOD, prior to the commencement of activities with the potential to give rise to significant vibration arising from any underground works. Measures should include:

- ***Details of the specific actions that will be taken if the level of vibration at RAF Fylingdales due to the permitted development exceeds 0.023 mm/s;***
- ***Details of the specific actions that will be taken if the stated vibration criteria are exceeded;***
- ***Technical changes to mining methods if the vibration levels in planning conditions are exceeded; and***
- ***Communication of information to affected parties.***
The development shall thereafter be carried out in accordance with the approved Blasting and Vibration Management Plan”.

Accordingly, the attached *Blast Vibration and Monitoring Plan for RAF Fylingdales* confirms the type of equipment that will be installed at RAF Fylingdales to monitor blasting and vibration associated with the North Yorkshire Polyhalite Project.

NYMNPA

22/12/2017

This plan confirms amongst other things:

- that should blasting exceed a peak particle velocity of 0.023 mms⁻¹, the Mineral Planning Authority and nominated MOD personnel immediately;
- where it is predicted that the received levels of vibration are likely to exceed the relevant criteria, the operator will reduce the maximum instantaneous explosive charge weight;
- the technical changes that will be made to mining methods should the vibration levels in the planning conditions be exceeded;
- the results from the blast monitoring shall be retained for a period of two years and will be made available for inspection on request of the Mineral Planning Authority (MPA).

Should you wish to discuss this, or any other matter relating to the project, please do not hesitate to contact me on 0113 397 1397.

Yours sincerely

Aisling Kelly
Associate Director

Encls. Blasting and Vibration Management Plan for RAF Fylingdales (40-VIB-GE-83-EN-PL-0001)