

FAO Rob Smith  
North York Moors National Park Authority  
The Old Vicarage  
Bondgate  
Helmsley  
York  
YO62 5BP

**Date:** 31 August 2018  
**Our ref:** 50303/04/HS/JCx/16049598v1  
**Your ref:** NYM/2017/0505/MEIA

Dear Rob

**North York Moors: Woodsmith Mine - Application to Partially Discharge Conditions 4, 18, 34, 45, 46, 47, 52, 57, 60, 64, 68, 70, 71, 73, 76, 79, 81, 87, 91, 92, 93, 94, 95 & 97 of Planning Permission NYM/2017/0505/MEIA and Application to Fully Discharge Condition 33 of Planning Permission NYM/2017/0505/MEIA**

On behalf of our client, Sirius Minerals plc ("Sirius Minerals"), we are pleased to submit this application for limited and partial approval of Planning Conditions 4, 18, 34, 45, 46, 47, 52, 57, 60, 64, 68, 70, 71, 73, 76, 79, 81, 87, 91, 92, 93, 94, 95 & 97 of Planning Permission NYM/2017/0505/MEIA. We also seek the full discharge of Condition 33 as part of this same application.

The Project will be delivered in a series of Phases. This application relates solely to the Phase 7 works at the Woodsmith Mine.

## **Background**

*On 19 October 2015, the NYMNPA granted planning permission for the "Winning and working of polyhalite by underground methods including the construction of a minehead at Dove's Nest Farm involving access, maintenance and ventilation shafts, the landforming of associated spoil, the construction of buildings, access roads, car parking and helicopter landing site, attenuation ponds, landscaping, restoration and aftercare and associated works. In addition, the construction of an underground tunnel between Doves Nest Farm and land at Wilton that links to the mine below ground, comprising 1 no. shaft at Doves Nest Farm, 3 no. intermediate access shaft sites, each with associated landforming of associated spoil, the construction of buildings, access roads and car parking, landscaping, restoration and aftercare, and the construction of a tunnel portal at Wilton comprising buildings, landforming of spoil and associated works" (Council Reference NYM/2014/0676/MEIA).*

NYM/2014/0676/MEIA was approved subject to 95 planning conditions and a Section 106 Agreement.

On 6 February 2017, the NYMNPA granted planning permission for the "Variation of Condition 5 of planning permission NYM/2014/0676/MEIA to allow minor material amendments relating to that part of the development at the Woodsmith Mine site (formerly known as Doves Nest Farm and Haxby Plantation), including; re-design of foreshafts and shaft construction methodology, changes to building layout and

*shaft access arrangements, revisions to construction and operational shaft platform levels, revisions to location and layout of surface water attenuation ponds, revisions to groundwater management arrangements and amendments to internal access arrangements” (Council Reference NYM/2017/0505/MEIA).*

The amended scheme (NYM/2017/0505/MEIA) was approved subject to 98 planning conditions and a deed of variation to the originally approved Section 106 Agreement.

### **Phase 7 Works**

Phase 7 covers off the following proposed works at the Woodsmith Mine:

- Completion of Service Shaft Headgear Chamber;
- Completion of Service Shaft to 83.17m AoD via Vertical Shaft-Sinking Machine (“VSM”) method;
- Excavation of Production Shaft Headgear Chamber;
- Excavation from base of Production Shaft Headgear Chamber to 83.66m AOD;
- Surface Water Run-Off Silt Treatment Facility building;
- Erection of temporary facilities to enable mobilisation of deep shaft sinking contractor;
- Earthworks and drainage; and
- Contingency grouting of the MTS Shaft.

### **Planning Conditions 52, 57, 70, 73 and 95**

Sirius Minerals is committed to implementing the mitigation, monitoring and reporting measures developed in previous phases, throughout Phase 7 for the following conditions:

- NYM-52 Protected Species Management Plans;
- NYM-57 Landscape and Ecological Management Plan;
- NYM-70 Arboricultural Method Statement;
- NYM-73 Woodland Management Plan; and
- NYM-95 Archaeological Written Scheme of Investigation;

Sirius Minerals is not intending to re-submit the documentation for the above conditions as they have already been approved and implemented in full for the duration of previous phases and will continue to be implemented insofar as they relate to Phase 7.

### **Planning Conditions 29 and 33**

Whilst no blasting is proposed as part of the Phase 7 works, a scheme for the notification of blasting is included within this submission to fully discharge Planning Condition 33 in advance of future phases where blasting will be required. To that end, a scheme for the monitoring of blasting vibration (Condition 29) will also be submitted as part of a future phase.

### **Partial Discharge**

Sirius Minerals acknowledges that limited and partial approval of Planning Conditions 4, 18, 34, 45, 46, 47, 52, 57, 60, 64, 68, 70, 71, 73, 76, 79, 81, 87, 91, 92, 93, 94, 95 & 97 when given, does not constitute permission to undertake works other than those described, including any works at Lady Cross Plantation, and that such works remain subject to the approval of other conditions.

This approach has been discussed and agreed with your Planning Team and is consistent with the approach taken on previous phases of the Project.

**Application Submission**

The application was submitted via the planning portal on 31 August 2018 (reference PP-07224589) and comprises the following documentation:

- Completed application form;
- Application drawings – Please see Appendix 1;
- Supporting Documents – Please see Appendix 1.

The requisite planning application fee of £116 has been paid online by credit card.

**Conclusion**

We trust that this application provides you with the necessary information to be able to (partially, and in the case of Condition 33, fully) discharge the above conditions to cover Phase 7 works at Woodsmith Mine. However, should you require any further information, please do not hesitate to contact me.

Yours sincerely



**James Cox**  
Senior Planner



**Appendix 1 : Supporting Documents**

**Table 1: List of Supporting Documents**

<b>Condition No</b>	<b>Description</b>	<b>Document Name / Number</b>	<b>Further Details</b>
N/A	N/A	Listed Plans	<p>40-ARI-WS-7100-CI-18-01005 - Woodsmith Mine Construction Phase 7 Masterplan</p> <p>40-ARI-WS-7100-CI-18-01006 - Woodsmith Mine Construction Phase 7 Planning Phases Comparison General Arrangement</p> <p>40-ARI-WS-7100-CI-18-01007 - Woodsmith Mine Construction Phase 7 Drainage General Arrangement</p> <p>40-ARI-WS-7100-CI-18-01009 - Woodsmith Mine Construction Phase 7 Service Shaft Basement and Shaft Excavation</p> <p>40-ARI-WS-7100-CI-18-01010 - Woodsmith Mine Construction Phase 7 Production Shaft Basement and Shaft Excavation</p> <p>40-ARI-WS-7100-CI-18-01011 - Woodsmith Mine Construction Phase 7 Earthworks</p> <p>40-ARI-WS-7210-AR-22-01013 - Siltbuster Building</p> <p>40-ARI-WS-7244-CI-18-01014 - Siltbuster Building</p>
<b>4</b>	Phasing Plan	40-ARI-WS-7100-CI-18-01006 - Woodsmith Mine Construction Phase 7 Planning Phases Comparison General Arrangement	40-ARI-WS-7100-CI-18-01005 - Woodsmith Mine Construction Phase 7 Masterplan
<b>18</b>	Noise & Vibration	Phase 7 Woodsmith Mine Noise and Vibration Management Plan 40-RHD-WS-70-EN-PL-0030	<p>Phase 5 Woodsmith Mine Noise and Vibration Management Plan – 40-RHD-WS-70-EN-PL-0027</p> <p>Phase 4 Woodsmith Mine Noise and Vibration Management Plan – 40-RHD-</p>

			<p>WS-70-EN-PL-0017</p> <p>Phase 7 Woodsmith Mine Construction Environmental Management Plan – 40-RHD-WS-70-EN-PL-0029</p> <p>Phase 3 Woodsmith Mine Construction Environmental Management Plan – 40-RHD-WS-70-EN-PL-0014</p>
<b>33</b>	Prior Notification of Blasting	Scheme for Prior Notification of Blasting – NYMNPA 33 - 40-SMP-WS-1000-PA-PL-00001	N/A
<b>34</b>	Construction Traffic Management Plan	Phase 7 Woodsmith Mine Construction Traffic Management Plan 40-RHD-WS-70-CI-PL-0011	Phase 4 – Woodsmith Mine Construction Traffic Management Plan 40-RHD-WS-70-CI-PL-0004
<b>45</b>	Recharge Trench	Phase 7 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment – 40-FWS-WS-70-WM-RA-0008	N/A
<b>46</b>	GW / SW Monitoring Scheme	Phase 7 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment – 40-FWS-WS-70-WM-RA-0008	<p>Refer to Section 8 of the Phase 6 Hydrogeological Risk Assessment – 40-FWS-WS-70-WM-RA-0007</p> <p>Phase 4a Works at Woodsmith Mine, North Yorkshire Construction and Operation Phase Ground and Surface Water Monitoring Scheme – 40-FWS-WS-70-CI-PL-0005</p> <p>Phase 4 Works at Woodsmith Mine, North Yorkshire Construction and Operation Phase Ground and Surface Water Monitoring Scheme – 40-FWS-WS-70-WM-PL-0008</p>
<b>46</b>	Hydrogeological Risk Assessment	Phase 7 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment –	N/A

		40-FWS-WS-70-WM-RA-0008	
<b>46</b>	Remedial Action Plan	Phase 7 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment – 40-FWS-WS-70-WM-RA-0008	Phase 4a Works at Woodsmith Mine, North Yorkshire Remedial Action Plan – 40-FWS-WS-70-PL-0013  Phase 4 Remedial Action Plan (reference 40-FWS-70-PL-009)
<b>47</b>	Groundwater Management Scheme	Phase 7 Works at Woodsmith Mine, North Yorkshire – Groundwater Management Scheme – 40-FWS-WS-70-WM-PL-0018	Phase 6 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment (reference 40-FWS-WS-70-WM-RA-0007)  Phase 5 Works at Woodsmith Mine, North Yorkshire Hydrogeological Risk Assessment (reference 40-FWS-WS-70-WM-RA-0006)  Phase 4a Works at Woodsmith Mine, North Yorkshire Groundwater Management Scheme (reference 40-FWS-WS-70-WM-PL-0012)  Phase 4 Works at Woodsmith Mine, North Yorkshire Groundwater Management Scheme (reference 40-FWS-WS-70-PL-0010)  Phases 2 and 3 Construction Validation of the Groundwater Management Scheme, Woodsmith Mine, North Yorkshire (reference 40-FWS-WS-70-WM-RP-0002)
<b>52</b>	Protected Species Management Plan	Refer to CEMP (Condition 93)	N/A
<b>57</b>	Landscape & Ecological Management Plan	Refer to CEMP (Condition 93)	Phase 3 Landscape and Ecological Management Plan (40-RHD-WS-70-EN-PL-0008)
<b>60</b>	Surface Water Drainage	Woodsmith Mine – Phase 7 Works – NYMNPAs 60 and 79 Surface Water Drainage Scheme – 40-ARI-WS-7100-CI-RP-01001	Woodsmith Mine – Phase 6 Works – NYMNPAs 60 and 79 Surface Water Drainage Scheme - 40-ARI-WS-7100-CI-RP-01000  40-ARI-WS-7244-CI-18-1002 - Woodsmith Mine Phase 6 Additional Platform

			<p>Woodsmith Mine – Phase 7 Works – NYMNPAs 81 Non-Domestic Wastewater Management Scheme – 40-ARI-WS-7100-CI-RP-01002</p> <p>Woodsmith Mine- Phase 3 Works NYMNPAs 60 and 79 Surface Water Drainage Scheme (40-ARI-WS-71-PA-RP-1050)</p> <p>Listed plans.</p>
<b>64</b>	Temporary Fencing	Refer to Construction Method Statement (Condition 94)	Listed plans.
<b>68</b>	Temporary Structures	Refer to Construction Method Statement (Condition 94)	Listed plans.
<b>70</b>	Arboricultural Method Statement	Refer to CEMP (Condition 93)	N/A
<b>71</b>	Hard & Soft Landscaping	40-ARI-WS-7100-CI-18-01008 - Woodsmith Mine Construction Phase 7 Hard and Soft Landscaping Plan	N/A
<b>73</b>	Woodland Management Plan	N/A	No additional tree removal is proposed as part of Phase 7 and therefore no specific management measures are included within this phase. Notwithstanding this, Sirius Minerals is currently working with NYMNPAs to produce a longer term Woodland Management Plan.
<b>76</b>	Soil Management Plan	Refer to CEMP (Condition 93)	N/A
<b>79</b>	Surface Water Drainage	Woodsmith Mine – Phase 7 Works – NYMNPAs 60 and 79 Surface Water Drainage Scheme – 40-ARI-WS-7100-CI-RP-01001	<p>Woodsmith Mine – Phase 6 Works – NYMNPAs 60 and 79 Surface Water Drainage Scheme - 40-ARI-WS-7100-CI-RP-01000</p> <p>40-ARI-WS-7244-CI-18-1002 - Woodsmith Mine Phase 6 Additional Platform</p> <p>Woodsmith Mine – Phase 7 Works –</p>



			<p>NYMNPA 81 Non-Domestic Wastewater Management Scheme – 40-ARI-WS-7100-CI-RP-01002</p> <p>Woodsmith Mine- Phase 3 Works NYMNPA 60 and 79 Surface Water Drainage Scheme (40-ARI-WS-71-PA-RP-1050)</p> <p>Listed plans.</p>
<b>81</b>	Waste Water Management Scheme	Woodsmith Mine – Phase 7 Works – NYMNPA 81 Non-Domestic Wastewater Management Scheme – 40-ARI-WS-7100-CI-RP-01002	<p>Phase 7 Construction Method Statement - 40-SMP-WS-7100-PA-MS-00003</p> <p>Phase 7 Works at Woodsmith Mine, North Yorkshire – Groundwater Management Scheme (reference 40-FWS-WS-70-WM-PL-0018)</p>
<b>87</b>	Reinjection Borehole	Woodsmith Mine – Phase 5 Works – NYMNPA 45 and 87 Deep Reinjection Borehole, Recharge Trench and Groundwater Programmes – 40-ARI-WS-71-PA-RP-1060	The programme that was approved at Phase 5 remains applicable for Phase 7.
<b>91</b>	Emissions	Phase 5– Woodsmith Mine Emissions to Atmosphere – NYMNPA - 91: 40-RHD-WS-70-EN-RP-0004	Dispersion modelling was carried out to consider the impact of emissions from diesel generators for Phase 5. At that time, there was approximately 2.5MW of diesel capacity on site, with only approximately 0.5MW being used. The results of this assessment showed that the requirements of the planning Condition NYMNPA-91 were met, as nutrient nitrogen and acid deposition was well below that reported in the ES and SEI. Reticulation of the 11kV mains power supply around the site was permitted under Phase 6. During Phase 7, all plant will be powered from the mains supply, with the exception of a small portable 60kVA generator which will be used where needed, inside shaft excavations or local to works on the platform, to power small plant items such

			<p>as hand tools. It is therefore considered that emissions to atmosphere during Phase 7 will be well below the levels of nutrient nitrogen and acid deposition reported in the ES and SEI, which were based on 18MW of power. The use of Selective Catalytic Reduction (SCR) abatement technology is not practicable for one small portable generator, and given the significantly reduced emission characteristics associated with the site, its application is not warranted for this Phase.</p>
92	CVPMMP	<p>Phase 7 – Woodsmith Mine Construction Vehicle and Plant Management Plan – 40-RHD-WS-70-CI-PL-0012</p>	<p>Phase 5 Woodsmith Mine: Construction Vehicle and Plant Management Plan -40-RHD-WS-70-CI-PL-0009</p> <p>Phase 4 Woodsmith Mine: Construction Vehicle and Plant Management Plan – 40-RHD-WS-70-CI-PL-0005</p> <p>Phase 7 Woodsmith Mine Construction Traffic Management Plan 40-RHD-WS-70-CI-PL-0011</p> <p>Phase 5 CEMP 40-CAR-WS-8300-PA-MS-00001</p>
93	CEMP	<p>Phase 7 – Woodsmith Mine Construction Environmental Management Plan – 40-RHD-WS-70-EN-PL-0029</p>	<p>Phase 7 Construction Method Statement - 40-SMP-WS-7100-PA-MS-00003</p> <p>Phase 7 Construction Traffic Management Plan – 40-RHD-WS-70-CI-PL-0011</p> <p>Phase 7 Noise &amp; Vibration Management Plan – 40-RHD-WS-70-EN-PL-0030</p> <p>Phase 7 Construction Vehicle and Plant Management Plan – 40-RHD-WS-70-CI-PL-0012</p> <p>Phase 7 Hydrogeological Risk Assessment – 40-FWS-70-WM-RA-0008</p> <p>Phase 7 Non-Domestic Wastewater Management Scheme – 40-ARI-WS-7100-CI-RP-01002</p> <p>Phase 3 Surface Water Management Plan (reference 40-FWS-WS-70-EN-PL-0002)</p>

			<p>Phase 6 CEMP (reference 40-RHD-WS-70-EN-PL-0028)</p> <p>Phase 5 CEMP (reference 40-CAR-WS-8300-PA-MS-00001)</p> <p>Phase 4a CEMP (reference 40-RHD-WS-70-EN-PL-0026)</p> <p>Phase 4 CEMP (reference 40-RHD-WS-70-EN-PL-0023)</p> <p>Phase 3 CEMP (reference 40-RHD-WS-70-EN-PL-0014)</p> <p>Protected Species Management Plans:</p> <p>40-RHD-WS-70-EN-PL-0010 Ph3 PSMP for Reptiles;  40-RHD-WS-70-EN-PL-0011 Ph3 PSMP for Badgers;  40-RHD-WS-70-EN-PL-0012 Ph3 PSMP for Birds; and  40-RHD-WS-70-EN-PL-0013 Ph3 PSMP for Bats.</p> <p>Phase 3 Landscape and Ecological Management Plan (LEMP) (40-RHD-WS-70-EN-PL-0008)</p> <p>Listed plans.</p>
<b>94</b>	Construction Method Statement	Phase 7 Construction Method Statement - 40-SMP-WS-7100-PA-MS-00003	<p>Listed plans.</p> <p>Phase 7 Construction Traffic Management Plan - 40-RHD-WS-70-CI-PL-0011</p> <p>Phase 7 Construction Environmental Management Plan – 40-RHD-WS-70-EN-PL-0029</p> <p>Phase 4a Construction Method Statement - 40-SMP-WS-7100-PA-MS-00001</p> <p>Phase 4 Soil Management Plan - 40-FWS-WS-70-CI-PL-0003</p>
<b>95</b>	Written Scheme of Investigation	Refer to CEMP (Condition 93)	N/A



97	Internal Diameters	Refer to Construction Method Statement (Condition 94)	N/A
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**\* As agreed, documents from previous phases (where they remain unchanged in relation to Phase 7) have not been resubmitted with this application**