

FH Reference: 125592	Project : Berryhill Landslip Remedial Works	Date of Site Visit: 16/04/2020
<p>Mansfield District Council (MDC) have appointed Fairhurst to undertake regular site inspections of the quarry wall between completion of the emergency response works (w/e 24th November 2019) and the commencement of the permanent works in this portion of the quarry in early 2020. Due to the recent COV-ID 19 pandemic, inspections are being prioritised following reported significant rainfall weather events. MDC reported to Fairhurst that a yellow weather warning for rain was forecast on Tuesday 14th April 2020, with 50mm predicted to fall in 3 hours. The persistent/heavy rain did not materialise, however, Fairhurst undertook a site inspection to check there were no significant changes in the slope inspection or rock trap since the last site visit.</p> <p>The inspection was undertaken on Thursday 16th of April 2020, the weather was dry and sunny.</p> <p>A photographic record of the quarry has been collated and is being updated on inspection. The recent inspection indicates an increase in desiccation cracks on the quarry face, most notably on the previous failure scar. This is a result of dry weather and increased vegetation growth reducing the moisture content of the ground. This change results in an increased probability of localised washout failure which could also subsequently result in a failure of the slightly overhanging relic topsoil and overburden. Photograph 2B shows the face of the failure scar in February versus 16th April for comparison purposes. While there is an increased risk of such a failure, it is considered the rock trap barrier will be sufficient to contain this relatively shallow seated failure.</p> <p>No further noticeable debris was noted in the rock trap at the toe of the slope. Fairhurst are not aware of any reported issues to MDC and the garden hedges fencing remained in situ as agreed. No increase in risk has been determined from the recent inspection.</p> <p>If residents see or hear anything associated with the cliff face, please call 01623 463 050 to report this to the Council.</p> <p>Photographs included overleaf.</p>		
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Distribution: Mansfield District Council – James Biddlestone For distribution to affected residents on Stone Bank and Bank End Close.		



Photograph 1 : Looking along the southern flank of the quarry to the south west corner
(Image taken on 16/04/2020)



Photograph 2A: Previous failure scar (Image taken on 16/04/2020) with evidence of desiccation cracks and overhanging overburden/relic topsoil.



Photograph 2B – 16th April 2020 visit



6th February 2020 site visit



Photograph 3 : Looking west to the south west quarry corner (Image taken on 16/04/2020)



Photograph 4 : Looking at western flank and previous failure scar (Image taken on 16/04/2020)



Photograph 5: Looking north to the end of Unit 8. (Image taken on 16/04/2020).