

MINERAL AND WASTE SITE MONITORING REPORT

SITE NAME / ADDRESS	Rhyndaston Quarry, Mason Bros Quarry Products Ltd,		
Grid Ref Eastings:	189260	Northings:	223765

REPORT ADDRESS:	<i>Mason Bros Quarry Products Ltd, Norton Yard, Lampeter Velfrey, Narberth, SA67 8UJ</i>
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VISIT DATE	15/09/2016	PREVIOUS VISIT DATE	09/06/2016
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ARRIVAL TIME	13:10	DEPARTURE TIME	14:45
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Minerals & Waste Officer	Laura Simkin	Others Present:	Alan Mason
	Choose an item.		

PHOTOGRAPHS TAKEN	Yes	(4) Visit No:	2
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REASON FOR VISIT:	Monitoring	<small>(if other please state)</small>	
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WEATHER CONDITIONS :	Dry, bright and sunny
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COMPLAINTS SINCE LAST VISIT:	None
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PHYSICAL CHANGES SINCE LAST VISIT: (Boundary/faces/activity/issues)

- Water bowser in operation during visit
- The haul roads within the site are adequate and free from any potholes.
- Phase 6a and 6b are currently under water – any further works in this section will need the pump to be in operation.
- The current activity is concentrated in phase 5 – this hasn't been completely stripped. Half has been stripped and a blast has taken place. The remainder of the top will be stripped when the stocks are replenished and weather remains dry.
- Phase 5, once stripped a bund will line the newly fenced boundary and there will be an approximate standoff of 10-15 meters from that fenced boundary. There are currently sheep in this field.
- The wash plant is no longer on site – all of the clean stone has been moved to the front of the site nearer to the weighbridge. The clay from this process has been stored along the north boundary of the site and for safety purposes has been banded and fenced with appropriate signage.
- This will eventually get mixed in with the sub soils and used for restoration of the north banks.
- The last blast took place 13th September 2016 at 11:30. The total tonnage blasted was 12,758 with a MIC of 81kg. The readings logged for AOP was 112 (within limit if 120dB) and PPV was 4.064 (also within the limit of 6mm/s)
- The main activity at the site is crushing and screening- today the primary and secondary crushers are both in operation.
- The concrete element of the site is quiet at the moment but this is generally

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VISIT DATE	23/03/2017	PREVIOUS VISIT DATE	11/01/2017
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ARRIVAL TIME	10:40	DEPARTURE TIME	11:40
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Minerals & Waste Officer	Laura Simkin	Others Present:	
	Choose an item.		

PHOTOGRAPHS TAKEN	Yes	(4) Visit No:	4
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REASON FOR VISIT:	Monitoring	(if other please state)	
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WEATHER CONDITIONS :	Dry, bright and windy
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COMPLAINTS SINCE LAST VISIT:	None
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PHYSICAL CHANGES SINCE LAST VISIT: (Boundary/faces/activity/issues)

- The site entrance was open and the highway was debris free.
- The internal haul roads are adequate and free from any potholes.
- Phase 6a and 6b is under water but is being pumped – the floor has recently been blasted. It took place 13th March at 12:10. The readings logged for AOP was 116 (within limit if 120dB) and PPV was 3.7 also within the limit of 6mm/s) and MIC of 72kg and blasted 8,573 tonnes.
- Phase 5 (face blast) was also blasted on 13th march at 12:00. The readings logged for AOP was 106 (within limit if 120dB) and PPV was 4.6 also within the limit of 6mm/s) and MIC of 45kg and the tonnage blasted was 9,841.
- The vegetation on the top of the site, the ramp bank, and soil mounds have been cut and the site is looking a lot clearer.
- Further restoration of the north banks has taken place this has been graded and what isn't on the approved plans is what looks to be a partial ramp formation from farmer's field – check this.
- As previously mentioned – the clay store – this is still bunded and fenced with appropriate signage.
- There was also plenty of blasted material ready to be processed. There was processing taking place during the visit – crushing and screening and replenishing stock piles around the site.
- The concrete truck did return during the visit.

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VISIT DATE	22/06/2017	PREVIOUS VISIT DATE	23/03/2017
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ARRIVAL TIME	13:00	DEPARTURE TIME	14:00
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Minerals & Waste Officer	Laura Simkin	Others Present:	
	Choose an item.		

PHOTOGRAPHS TAKEN	Yes	(4) Visit No:	1
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REASON FOR VISIT:	Monitoring	(if other please state)	3 remaining visits
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WEATHER CONDITIONS :	Dry, bright and windy
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COMPLAINTS SINCE LAST VISIT:	None
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PHYSICAL CHANGES SINCE LAST VISIT: (Boundary/faces/activity/issues)

The following notes are applicable from the last report:

- The site entrance was open and the highway was debris free.
- The internal haul roads are adequate and free from any potholes.
- Further restoration of the north banks has taken place this has been graded and what isn't on the approved plans is what looks to be a partial ramp formation from farmer's field – UPDATE – this requires planning permission – a non-material amendment planning application.
- As previously mentioned – the clay store – this is still bunded and fenced with appropriate signage.

Site visit observations:

- Phase 6a and 6b is no longer under water and is continuing to be pumped as they have recently blasted the floor and are currently operating a crusher and excavator in this new void. The blast took place 2nd June at 11:55. The readings logged for AOP was 110 (within limit if 120dB) and PPV was 4.572 also within the limit of 6mm/s) and MIC of 45kg and blasted 7,545 tonnes. (ref RQ 164)
- Phase 5 (face blast) was also blasted on 2nd June at 12:00. The readings logged for AOP was 114 (within limit if 120dB) and PPV was 2.19 also within the limit of 6mm/s) and MIC of 90kg and the tonnage blasted was 9,788.
- There was no activity taking place during the visit as staff were on lunch break – crushing and screening will resume.
- There was no activity on the concrete
- There was dust suppression taking place during the visit.

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VISIT DATE	21/09/2017	PREVIOUS VISIT DATE	22/06/2017
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ARRIVAL TIME		DEPARTURE TIME	
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Minerals & Waste Officer	Laura Simkin	Others Present:	
	Choose an item.		

PHOTOGRAPHS TAKEN	Yes	(4) Visit No:	2
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REASON FOR VISIT:	Monitoring	(if other please state)	2 remaining visits
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WEATHER CONDITIONS :	Dry and bright
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COMPLAINTS SINCE LAST VISIT:	None
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PHYSICAL CHANGES SINCE LAST VISIT: (Boundary/faces/activity/issues)

The following notes are applicable from the last report:

- The site entrance was open and the highway was debris free.
- The internal haul roads are adequate and free from any potholes.
- There was no activity on the concrete during the visit
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Site visit observations:

- The main difference on entering the working area of the site is the soil store, it has been stripped and moved and drainage works are taking place behind.
- The site had two blasts yesterday, 20th September, details as follows:
- Phase 6a and 6b is no longer under water and is continuing to be pumped as they have blasted the floor. The blast was at 14.08. The readings logged for AOP was 100 (within limit if 120dB) and PPV was 4.318 also within the limit of 6mm/s) and MIC of 91kg and blasted 8,496 tonnes.
- Phase 5 (face blast) was also blasted at 14.13. The readings logged for AOP was 106 (within limit if 120dB) and PPV was 2.381 also within the limit of 6mm/s) and MIC of 104kg and the tonnage blasted was 11,508.
- There was no activity taking place during the visit as staff were on lunch break – crushing and screening will then resume. There is a lot of blasted rock which will now take time to clear.
- Since the last visit the north banks have changed also, the partial bank formation in preparation for a farm track (which would have required planning permission as it would have altered the current approved plans) has been removed and the entire bank has now been re-profiled as part of the