



A GREENCAP CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 022-20120831

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

Job Location: East Guyong Quarry, Mitchell Highway, East Guyong NSW

Report Date: Friday 31st August 2012

Test Date: Friday 31st August 2012

Sampling Procedure: Control

Sampled By: Pumps On: SM
Pumps Off: SM

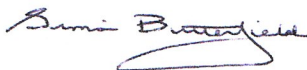
Method: Filters examined in accordance with Safe Work Australia's Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2nd Edition, 2005 [NOHSC:3003: (2005)] – Refer NAA Internal Laboratory Test Method NALAB 301.

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
Control static monitoring during scraping of topsoil of Entry Road no. 3410					
2225	Field Blank	-	-	0.0/100	-
743	Location 1 – Near Southern Boundary of Site, Access Road to Residence (No.3472) off Mitchell Highway, approx. 120 metres North of South Site Boundary – On barbed wire fence	0842 – 1456	1.45	0.0/100	< 0.01
2034	Location 3 – Near Southern Boundary (SE Corner) of Site, Access Road Entry (No.3410) off Mitchell Highway, approx. 30 metres from South Site Boundary – On barbed wire fence	0814 – 1436	1.40	0.0/100	< 0.01
934A	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0910 – 1530	1.45	0.0/100	< 0.01
1019	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0908 – 1528	1.40	0.0/100	< 0.01
2164	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0848 – 1502	1.40	0.0/100	< 0.01
2232	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0853 – 1505	1.40	0.0/100	<0.01
2262	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0901 – 1513	1.40	0.0/100	< 0.01

Filter No.	Test Type Sample Location	Sample Period Start-Finish	Average Flow Rate (L/min)	Fibres/ Fields	Result(s) Fibres/mL
436	Location 3.1 – East Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 300m from South Site Boundary, adjacent Gate to Paddock – On barbed wire fence	0824 – 1440	1.40	1.0/100	< 0.01
2246	Location 3.2 – West Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 350 metres from South Site Boundary – On barbed wire fence	0826 – 1443	1.40	0.0/100	< 0.01
2097	Location 3.3 – Access Road Entry (No.3410), Northern Extremity of Road, before Eastward Curve, Eastern Side, adjacent Gate to Paddock – On barbed wire fence	0912 – 1532	1.45	0.0/100	< 0.01
942A	Location 3.4 – Southern Boundary (Near SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway – On barbed wire fence	0812 – 1434	1.40	1.0/100	< 0.01
417	Location 3.5 – Near Southern Boundary (SE Corner) of Site, West of Access Road Entry (No.3410) off Mitchell Highway, Plant Compound, Lunch Shed, 100m from South Site Boundary & 50 metres from Access Road	0804 – 1430	1.40	1.0/100	< 0.01
Exposure monitoring during scraping works					
1220	John Willis – Excavator Operator (EODO)	0819 – 1446	1.40	1.0/100	< 0.01
2268	Dean Whiting – Dump Truck Operator (EODO)	0829 – 1550	1.40	2.0/100	< 0.01



APPROVED COUNTER:
Simon Miralles



APPROVED SIGNATORY:
Simon Butterfield



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Figure 1 – Air Monitoring Locations



**Air Monitoring Sampling Plan
East Guyong Quarry Site**

Monitoring Date: 31st August 2012

Legend

- X 1** Air monitoring locations
- Project Boundary
- Proposed Quarry Boundary
- Proposed Infrastructure Area Boundary

Air Monitoring Location Coordinates

Location 1:	709,104mE ; 6300,660mN	Location 10:	709,465mE ; 6301,633mN
Location 3:	709,600mE ; 6300,372mN	Location 3.1:	709,636mE ; 6300,585mN
Location 4:	709,729mE ; 6300,716mN	Location 3.2:	709,631mE ; 6300,616mN
Location 5:	709,870mE ; 6300,905mN	Location 3.3:	709,666mE ; 6300,744mN
Location 6:	708,803mE ; 6301,185mN	Location 3.4:	709,554mE ; 6300,344mN
Location 8:	708,824mE ; 6301,587mN	Location 3.5:	709,526mE ; 6300,440mN

Weather Conditions*

General	Overcast	Wind Direction	SSW – W
Rainfall	0.0 mm	Wind Speed	10.8 – 56.5 km/h

* East Guyong Quarry Weather Station