

A GREENCAP
CONSULTING COMPANY

Risk Management Services

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ASBESTOS FIBRE AIR MONITORING REPORT

Our Ref: C107605:J111804 024-20120911

Client: Hanson Construction Materials Pty Ltd

Attention: Martin Gear - Project Manager Aggregates

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

Report Date: Tuesday 11 September 2012

Test Date: Tuesday 11 September 2012

Sampling Procedure: Control

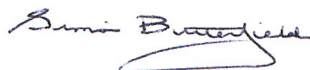
Sampled By: Pumps On: SB

Pumps Off: SB

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 trenching works alongside Access Road Entry No. 3410					
2183	Field Blank	–	–	0.0/100	–
2129A	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	0935 – 1522	1.50	0.0/100	< 0.01
2209	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	0845 – 1455	1.50	0.0/100	< 0.01
449	Location 4 – Near Eastern Boundary (near SE Corner) of Site, approx. 70 metres West of Shed, Access Road – On barbed wire fence	0909 – 1510	1.50	0.0/100	< 0.01
2203	Location 5 – Near Eastern Boundary (near Centre) of Site, approx. 50 metres West of East Site Boundary – On fencing post	0911 – 1517	1.50	0.0/100	< 0.01
436	Location 6 – Western Boundary of Proposed Quarry Pit (near Western Site Boundary) – On barbed wire fence	0925 – 1530	1.50	0.0/100	< 0.01
2164	Location 8 – Western Boundary (near NW Corner) of Site – On barbed wire fence	0931 – 1535	1.50	0.0/100	<0.01
934	Location 10 – Near Northern Boundary of Site (near NE Corner Site) – On fencing post	0920 – 1542	1.50	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
1369	Location 3.1 – Near Southern Boundary (SE Corner) of Site, East Side of Access Road Entry (No.3410) off Mitchell Highway, Adjacent Windmill, approx. 90 metres from South Site Boundary – On barbed wire fence	0842 – 1452	1.50	0.0/100	< 0.01
1223	Location 3.2 –Near Southern Boundary (SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway, approx. 65 metres from South Site Boundary – On barbed wire fence	0850 – 1454	1.50	0.0/100	< 0.01
505	Location 3.3 – Southern Boundary (Near SE Corner) of Site, West Side of Access Road Entry (No.3410) off Mitchell Highway – On barbed wire fence	0848 – 1502	1.50	0.0/100	< 0.01
2177	Location 3.4 –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	0857 – 1500	1.50	2.0/100	< 0.01
Exposure monitoring during scraping works					
2181	John Willis – Excavator Operator (EODO)	0852 – 1554	1.50	1.0/100	< 0.01



**APPROVED COUNTER AND SIGNATORY :
SIMON BUTTERFIELD**



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Figure 1 – Air Monitoring Locations



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

Monitoring Date: 11th September 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:	709,623mE ; 6300,426mN
Location 4:	709,729mE ; 6300,716mN	Location 3.2:	709,583mE ; 6300,405mN
Location 5:	709,870mE ; 6300,905mN	Location 3.3:	709,554mE ; 6300,344mN
Location 6:	708,803mE ; 6301,185mN	Location 3.4:	709,526mE ; 6300,440mN
Location 8:	708,824mE ; 6301,587mN		

Weather Conditions*

General	Fine	Wind Direction	North – NW - NE
Rainfall	0.0 mm	Wind Speed	1.1 – 18 km/h

* East Guyong Quarry Weather Station