

Risk Management Services

NOEL ARNOLD & ASSOCIATES PTY LTD A.C.N. 006 318 010 A.B.N. 76 006 318 010 Level 2, 11 Khartoum Road, North Ryde, NSW 2113 Australia

Phone: (02) 9889 1800
Fax: (02) 9889 1811
Email: sydney@noel-arnold.com.au

05 February 2013

Our Ref: J111804-S4: C107605 J111804-S4 Asbestos Air Monitoring Summary Report 01 Dec 2012 - 31 Jan 2013

Martin Gear
Project Manager Aggregates
Hanson Construction Materials
Email address: martin gear@hanson.co

Email address: martin.gear@hanson.com.au

Re: Asbestos Air Monitoring Results for the Period from 1st December 2012 to 31st January 2013 – East Guyong Quarry Project

This letter presents the summary of the asbestos air monitoring results at the East Guyong Quarry Project Site located off the Mitchell Highway, East Guyong NSW for the period between 1st December 2012 and 31st January 2013.

The asbestos air monitoring was undertaken by National Association of Testing Authorities Australia (NATA) approved personnel and the filter samples were analysed in our NATA-accredited laboratory in accordance with the Safe Work Australia's Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003 (2005)].

A summary of the air monitoring results for the period between 1st December 2012 and 31st January 2013 are presented in a tabular format below.

| Date | No. of Air Samples | Summary of Results | Any Exceedances of QL Note 1 (Yes or No) | Any Exceedances of AIAC Note 2 (Yes or No) |
|--|-----------------------|-----------------------|--|--|
| Air Monitoring (Mitchell Highway Road Construction and Associated Works) | | | | |
| 07/12/2012 | 7 | <0.01 | No | No |
| 10/12/2012 | 7 | <0.01 | No | No |
| 11/12/2012 | 9 | <0.01 | No | No |
| 12/12/2012 | 9 | <0.01 | No | No |
| 13/12/2012 | 8 | <0.01 | No | No |
| 21/01/2013 | 11 | <0.01 | No | No |
| 22/01/2013 | 13 | <0.01 | No | No |
| 23/01/2013 | 14 | <0.01 | No | No |
| Air Monitoring (New Access Road Works) | | | | |
| 30/01/2013 | 13 | <0.01 | No | No |
| 31/01/2013 | 13 | <0.01 | No | No |

Note 1 "Quantification Limit" (QL)

Note 2 "Asbestos Impact Assessment Criterion" (AIAC)

The air monitoring results for asbestos conducted for 10 days during the period between 1st December 2012 and 31st January 2013 at the East Guyong Quarry site during the Mitchell Highway road construction works and also the new access road were less than detection limit of the method (i.e. < 0.01 fibres/ml) and also below the QL and AIAC of 0.01 fibres/ml.



In summary, no air monitoring results exceeded the QL or AIAC.

Yours sincerely,

NOEL ARNOLD & ASSOCIATES PTY LTD

SIMON BUTTERFIELD

Occupational Hygiene Manager