

JBS&G (43153-57769)

26 May 2014

Doug Wu
Project Manager
Boulderstone Pty Ltd
Via email: Doug.Wu@lendlease.com

Daily Airborne Asbestos Fibre Monitoring – Randwick Barracks, 373a Avoca Street, Randwick NSW

Dear Doug,

Please find as **Attachment 1** the daily airborne asbestos fibre monitoring report for works completed at the Randwick Barracks Project site on **23 May 2014**.

All air monitoring was completed in strict accordance with the *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres* [NOHSC: 3003(2005)], with NATA certification applying to all sample collection, handling and analytical procedures.

All reported results were satisfactory and below the minimum action levels for control monitoring as outlined in:

- Work, Health and Safety (2011) Regulation; and
- WorkCover Authority of NSW (2011) Code of Practice – *How to Safely Remove Asbestos*.

If you have any questions regarding these results, please feel free to contact the undersigned on 02 8245 0300 or by email msamuel@jbsg.com.au.

Yours sincerely:



Michael Samuel
Licensed Asbestos Assessor (LAA 000157)
JBS&G

Attachments: 1) Daily Airborne Asbestos Fibre Monitoring Report

Attachment 1 – Daily Airborne Asbestos Fibre Monitoring Report

Certificate of Analysis



NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025.
The results of the tests, calibrations and/or
measurements included in this document are
traceable to Australian/national standards.

JBS & G (NSW & WA) Pty Ltd
Level 1, 50 Margaret St
Sydney
NSW 2000

Attention: Michael Samuel
Report: 419407-A
Client Reference: **43153 RANDWICK**
Received Date: 23 May 2014
Date Reported: 26 May 2014

METHODOLOGY:

Asbestos Sampling Sampling as per the National Occupational Health & Safety Commission - Guidance Note on The Membrane Filter Method For Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)]

Pump Calibration Mini Buck Model M-5 S/N A54456 : Calibrated against National Bureau of Standards Test No. IR74-461 utilising a 1000 ml burette with an electric stop watch (SW1).

Asbestos Counting Conducted by ASET in accordance with the National Occupational Health & Safety Commission - Guidance Note on The Membrane Filter Method For Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)] and (ASET Method 2).

Site Reference: 43153 - RANDWICK
Date Sampled: 23 May 2014
Report: 419407-A

| Eurofins mgt Sample No. | Client Sample ID | Pump ID | Location | Start (time) | End (time) | Start Flow Rate (L/min) | End Flow Rate (L/min) | Average Flow Rate (L/min) | Fibres / 100 fields | Result (Fibres/mL) |
|---------------------------|------------------|---------|---|--------------|------------|-------------------------|-----------------------|---------------------------|---------------------|--------------------|
| 14-My20686 | A288 | 209 | North portion of site South boundary adjacent car park | 6:51am | 2:18pm | 1.2 | 1.2 | 1.2 | 2.5 | < 0.01 |
| 14-My20687 | A243 | SKC003 | North portion of site West boundary adjacent access road | 6:54am | 2:20pm | 1.2 | 1.2 | 1.2 | 2.0 | < 0.01 |
| 14-My20688 | A242 | SKC130 | North portion of site East boundary adjacent decon | 6:57am | 2:22pm | 1.2 | 1.2 | 1.2 | 1.5 | < 0.01 |
| 14-My20689 | A294 | SKC002 | South portion of site East boundary open field | 7:00am | 2:24pm | 1.2 | 1.2 | 1.2 | 2.0 | < 0.01 |
| 14-My20690 | A253 | SKC011 | South portion of site South boundary houses | 7:03am | 2:26pm | 1.2 | 1.2 | 1.2 | 1.0 | < 0.01 |
| 14-My20691 | A284 | SKC132 | South portion of site West boundary Avoca street | 7:06am | 2:28pm | 1.2 | 1.2 | 1.2 | 2.5 | < 0.01 |
| 14-My20692 | A296 | SKC136 | South portion of site West boundary entry/exit rd | 7:09am | 2:30pm | 1.2 | 1.2 | 1.2 | 1.5 | < 0.01 |
| 14-My20693 | A180 | SKC138 | South portion of site Friable area TP08 | 7:12am | 2:32pm | 1.2 | 1.2 | 1.2 | 0.0 | < 0.01 |
| 14-My20694 | A237 | SKC140 | South portion of site Friable area PT2 | 7:15am | 2:34pm | 1.2 | 1.2 | 1.2 | 1.0 | < 0.01 |

| Eurofins mgt Sample No. | Client Sample ID | Pump ID | Location | Start (time) | End (time) | Start Flow Rate (L/min) | End Flow Rate (L/min) | Average Flow Rate (L/min) | Fibres / 100 fields | Result (Fibres/mL) |
|----------------------------------|-------------------------|----------------|--|---------------------|-------------------|--------------------------------|------------------------------|----------------------------------|----------------------------|---------------------------|
| 14-My20695 | A233 | SKC148 | South portion of site Friable area PT2 | 7:16am | 2:36pm | 1.2 | 1.2 | 1.2 | 1.5 | < 0.01 |
| 14-My20696 | A282 | SKC152 | South portion of site Friable area TP11 | 7:18am | 2:38pm | 1.2 | 1.2 | 1.2 | 2.0 | < 0.01 |
| 14-My20697 | A149 | SKC153 | South portion of site Friable area TP13 | 7:19am | 2:40pm | 1.2 | 1.2 | 1.2 | 2.5 | < 0.01 |
| 14-My20698 | A269 | SKC142 | North portion of site Friable area TP17 | 7:22am | 2:42pm | 1.2 | 1.2 | 1.2 | 2.0 | < 0.01 |
| 14-My20699 | A298 | SKC143 | North portion of site Friable area TP33 | 7:25am | 2:43pm | 1.2 | 1.2 | 1.2 | 1.5 | < 0.01 |
| 14-My20700 | A254 | SKC149 | North portion of site Friable area TP29 | 7:28am | 2:44pm | 1.2 | 1.2 | 1.2 | 1.0 | < 0.01 |
| 14-My20701 | A161 | SCK008 | North portion of site Inside lunch room | 7:31am | 2:47pm | 1.2 | 1.2 | 1.2 | 2.5 | < 0.01 |
| 14-My20702 | A297 | BLANK | Blank | | | | | | 0.0 | |

Comments

Asbestos analysed by: ASET, NATA accreditation no. 14484, report reference: ASET39227 / 42407 / 1 - 17

Sample Integrity

| | |
|---|-----|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | No |
| Sample correctly preserved | Yes |
| Organic samples had Teflon liners | N/A |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within Holding Time | Yes |
| Some samples have been subcontracted | Yes |

Qualifier Codes/Comments

| Code | Description |
|------|----------------|
| N/A | Not applicable |

Authorised by

Jean Heng Client Services



Peter Richardson
Field Services Manager

Final Report – this report replaces any previously issued Report.

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Uncertainty data is available on request

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