

29 November 2017

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## **Pagewood Remediation Works – AQMP Compliance Report Weekly Monitoring Report – Week Ending 25 November 2017**

### **1. Introduction and Background**

JBS&G Australia Pty Ltd (JBS&G) was engaged by Visionary Investment Group Pty Ltd (VIG, the client) to provide on-site environmental and occupational hygiene services during the remediation and development of the property located at 32 Page Street, Pagewood, NSW (the site).

### **2. Objectives**

As part of this work, JBS&G is responsible for undertaking environmental and occupational hygiene monitoring and ensuring site works comply with the management procedures set out in the Air Quality Management Plan (AQMP) (JBS&G 2016<sup>1</sup>). Inspections and compliance audits were undertaken for applicable aspects of the work in order to monitor the effective implementation of the AQMP. The contractor undertaking the remediation and civil works for the project is Ross Mitchell & Associates (RMA).

This report details the monitoring completed for the week ending 25 November 2017.

### **3. Work Undertaken in this Period**

Development works occurring during the week ending 25 November 2017 comprised:

- Installation of vapour monitoring wells at southern boundary of Zone 5;
- Asbestos removal (Zone 5 sewer trenches);
- Form working, steel fixing and concreting;
- Installation of water and sewer infrastructure;
- Backfilling of Zone 5 and re-compaction to meet geotechnical requirements; and
- Installation of road-base bridging layer in areas of Zone 5.

### **4. Air Monitoring Results and Discussion**

Environmental air monitoring was conducted at the site during operational hours. **Table 4.1** summarises the air monitoring results for works undertaken during the week ending 25 November 2017. Detailed results are provided in **Attachment 3**.

<sup>1</sup> *Air Quality Management Plan, 32 Page Street, Pagewood, NSW, JBS&G, dated 14 December 2016*

Table 4.1 Summary of Environmental Monitoring Results

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Action Criteria <sup>1</sup>	Details
Date	20/11	21/11	22/11	23/11	24/11	25/11	-	
Any rain (Y/N)?	N	Y	Y	N	N	N	-	Rain events during site activities for the week ending 25 November 2017.
Coarse Particle PM <sub>10</sub> (Dust) monitoring. (Daily results provided in Attachment 1)	✓	✓	✓	✓	✓	✓	50 µg/m <sup>3</sup> (microgram per cubic meter)	Continuous particle (PM <sub>10</sub> ) monitoring was conducted at site boundaries in accordance with the frequency and requirements of the AQMP. All measurements were within the level of 50 µg/m <sup>3</sup> as specified in the AQMP.
Airborne asbestos monitoring (Daily reports provided in Attachment 2)	✓	✓	✓	✓	✓	✓	0.01 Fibres/mL (fibres per millilitre)	Airborne asbestos fibre air monitoring was conducted at site boundaries in accordance with the requirements of the AQMP. All results were within the action criteria of 0.01 fibres/mL.
Trichloroethylene (TCE) monitoring (Daily results provided in Attachment 3)	✓	✓	✓	✓	✓	✓	0.001 ppm (parts per million)	Trichloroethylene monitoring was conducted at site boundaries and downwind locations in accordance with the frequency and requirements of the AQMP. All measurements were within 0.001 ppm as per the AQMP.
Tetrachloroethylene (PCE) monitoring (Daily results provided in Attachment 3)	✓	✓	✓	✓	✓	✓	0.11 ppm (parts per million)	Tetrachloroethylene monitoring was conducted at site boundaries and downwind locations in accordance with the frequency and requirements of the AQMP. All measurements were within the level of 0.11 ppm as per the AQMP.

1 – As specified in Table 6.1 of the AQMP (JBS&G 2016)

Notes: ✓ = completed and compliant, ★ = completed and non-compliant, ✗ = not completed, - = No site activities

#### 4.1 Divergences from the AQMP

There was no divergence from the AQMP during site works undertaken for the week ending 25 November 2017.

#### 4.2 Required changes to AQMP

Based on the works undertaken and the AQMP compliance completed for the week ending 25 November 2017, no changes are required to the AQMP.

#### 5. Future Works

Works planned for the following week include:

- Form working, steel fixing and concreting;
- Installation of water and sewer infrastructure; and
- Continued installation of the road-base bridging layer.

## 6. Overall Environmental Performance

The results of the environmental air monitoring completed during the week ending 25 November 2017 indicate that:

- Environmental controls and monitoring have been undertaken in accordance with the AQMP for the site activities performed during the period; and
- There have been no identified recorded impacts on the environment or potential receptors.

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Should you have any queries or require further clarification, please feel free to contact the undersigned on 0402 058 230 or by email [ajsmith@jbsg.com.au](mailto:ajsmith@jbsg.com.au).

Yours sincerely:



Aaron Smith  
Occupational Hygienist  
JBS&G

Approved by:



Matthew Parkinson  
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JBS&G

Attachments:

- 1) Daily Dust Trak Field Sheets
- 2) Daily Asbestos Air Monitoring Reports
- 3) Environmental Monitoring Results