

Attachment 5 - Air Monitoring Report

This attachment includes:

- asbestos air monitoring reports
- lead dust air monitoring reports
- Clearance Certificates - Asbestos
- Clearance Certificates - Lead
- Enclosure Integrity Certificates (Smoke tests)

In addition to formal clearance certificates, interim clearances provided by email are also included for reference

Section 1 - Asbestos Air Monitoring

This section contains the Analytical Reports by Tetra Tech Coffey for the Membrane Filter Methods of airborne asbestos fibre monitoring.

Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/02/2023
Date Analysed: 13/02/2023
Date Authorised: 13/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007267	Ext, NW elevation of site, on fencing	0	100	<0.01
007292	Ext, S elevation of site, on fencing	0	100	<0.01
007255	Ext, E elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/02/2023
Date Analysed: 14/02/2023
Date Authorised: 14/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
054293	Ext, E elevation of site, on fencing	0	100	<0.01
007262	Ext, S elevation of site, on fencing	0	100	<0.01
007296	Ext, NW elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/02/2023
Date Analysed: 15/02/2023
Date Authorised: 15/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
07281	Ext, E elevation of site, on fencing	0	100	<0.01
007254	Ext, S elevation of site, on fencing	0	100	<0.01
054269	Ext, NW elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 16/02/2023
Date Analysed: 16/02/2023
Date Authorised: 16/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
054267	Ext, S elevation of site, on fencing	0	100	<0.01
054276	Ext, E elevation of site, on fencing	1	100	<0.01
054286	Ext, NW elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/02/2023
Date Analysed: 18/02/2023
Date Authorised: 18/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007251	Ext, E elevation of site, on fencing	0	100	<0.01
98004	Ext, NW elevation of site, on fencing	0	100	<0.01
007271	Ext, S elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/02/2023
Date Analysed: 20/02/2023
Date Authorised: 20/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97868	Ext, E elevation of site, on fencing	0	100	<0.01
97870	Ext, S elevation of site, on fencing	0	100	<0.01
97869	Ext, NW elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/02/2023
Date Analysed: 22/02/2023
Date Authorised: 22/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
054283	Ext, S elevation of site, on fencing	0	100	<0.01
054273	Ext, E elevation of site, on fencing	1	100	<0.01
054272	Ext, NW elevation of site, on fencing	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/02/2023
Date Analysed: 23/02/2023
Date Authorised: 23/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Caitlin McKinnon

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
054260	Ext, NW elevation of site, on fencing	0	100	<0.01
05425	Ext, S elevation of site, on fencing	0	100	<0.01
054261	Ext, E elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/02/2023
Date Analysed: 23/02/2023
Date Authorised: 23/02/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Nick Kuerzinger

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, NW elevation of site, on fencing	0	100	<0.01
A2	Ext, S elevation of site, on fencing	1	100	<0.01
A3	Ext, E elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/02/2023
Date Analysed: 24/02/2023
Date Authorised: 24/02/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Nick Kuerzinger

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, E elevation of site, on fencing	0	100	<0.01
A2	Ext, S elevation of site, on fencing	0	100	<0.01
A3	Ext, NW elevation of site, on fencing	0	100	<0.01
FB	-	1	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/02/2023
Date Analysed: 27/02/2023
Date Authorised: 27/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97905	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
97878	Ext, W elevation of work area, on fencing	0	100	<0.01
054264	Ext, NW elevation of work area, on fencing	0	100	<0.01
054265	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/02/2023
Date Analysed: 28/02/2023
Date Authorised: 28/02/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
054275	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
97873	Ext, E elevation of work area, on fencing	0	100	<0.01
054263	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
97895	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 01/03/2023
Date Analysed: 01/03/2023
Date Authorised: 01/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97856	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
97858	Ext, E elevation of work area, on fencing	1	100	<0.01
97874	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
97877	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 02/03/2023
Date Analysed: 02/03/2023
Date Authorised: 02/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97876	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
97866	Ext, E elevation of work area, on fencing	0	100	<0.01
97857	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
97885	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/03/2023
Date Analysed: 03/03/2023
Date Authorised: 03/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97863	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
97875	Ext, E elevation of work area, on fencing	0	100	<0.01
97865	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
97864	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/03/2023
Date Analysed: 06/03/2023
Date Authorised: 06/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145297	Int, Within Enclosure, Adjacent Decon	2	100	<0.01
145296	Int, Within Enclosure, North Elevation	2	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/03/2023
Date Analysed: 06/03/2023
Date Authorised: 06/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145306	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
145299	Ext, E elevation of work area, on fencing	0	100	<0.01
145298	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/03/2023
Date Analysed: 06/03/2023
Date Authorised: 06/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145306	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
145299	Ext, E elevation of work area, on fencing	0	100	<0.01
145298	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/03/2023
Date Analysed: 06/03/2023
Date Authorised: 06/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145297	Int, Within Enclosure, Adjacent Decon	2	100	<0.01
145296	Int, Within Enclosure, North Elevation	2	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 07/03/2023
Date Analysed: 08/03/2023
Date Authorised: 08/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145459	Int, N elevation of work area, within lunch room, on window sill	1.5	100	<0.01
145451	Ext, E elevation of work area, on fencing	0	100	<0.01
145460	Ext, NW elevation of work area, on window sill	0	100	<0.01
145461	Ext, S elevation of work area, adjacent decon, on fencing	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/03/2023
Date Analysed: 08/03/2023
Date Authorised: 08/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145286	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
145287	Ext, NW elevation of work area, on window sill	0	100	<0.01
145288	Ext, E elevation of work area, on fencing	0	100	<0.01
145289	Ext, S elevation of work area, adjacent decon, on fencing	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/03/2023
Date Analysed: 08/03/2023
Date Authorised: 08/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145286	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
145287	Ext, NW elevation of work area, on window sill	0	100	<0.01
145288	Ext, E elevation of work area, on fencing	0	100	<0.01
145289	Ext, S elevation of work area, adjacent decon, on fencing	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 09/03/2023
Date Analysed: 09/03/2023
Date Authorised: 09/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007260	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007291	Ext, E elevation of work area, on fencing	0	100	<0.01
054280	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
007282	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/03/2023
Date Analysed: 10/03/2023
Date Authorised: 10/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007256	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007254	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
007266	Ext, W elevation of work area, on fencing	0	100	<0.01
97860	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Analysed: 13/03/2023
Date Authorised: 13/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007294	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007253	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
007272	Ext, W elevation of work area, on fencing	0	100	<0.01
054271	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Analysed: 13/03/2023
Date Authorised: 13/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007263	Int, Work area, East Elevation	0	100	<0.01
007264	Int, Work area, West Elevation	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Analysed: 13/03/2023
Date Authorised: 13/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007294	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007253	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
007272	Ext, W elevation of work area, on fencing	0	100	<0.01
054271	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Analysed: 13/03/2023
Date Authorised: 13/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007294	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007253	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
007272	Ext, W elevation of work area, on fencing	0	100	<0.01
054271	Ext, S elevation of work area, adjacent decon, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Analysed: 13/03/2023
Date Authorised: 13/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007263	Int, Work area, East Elevation	0	100	<0.01
007264	Int, Work area, West Elevation	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/03/2023
Date Analysed: 14/03/2023
Date Authorised: 14/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007295	Int, N elevation of work area, within lunch room, on window sill	0	100	<0.01
007275	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145307	Ext, S elevation of work area, on fencing	0	100	<0.01
007268	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/03/2023
Date Analysed: 15/03/2023
Date Authorised: 15/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145309	Int, Beneath work area, within lunch room, on window sill	0	100	<0.01
145308	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145301	Ext, N elevation of work area, on fencing	0	100	<0.01
145311	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 16/03/2023
Date Analysed: 16/03/2023
Date Authorised: 16/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145295	Int, Beneath work area, within lunch room, on window sill	2.5	100	<0.01
145310	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145305	Ext, N elevation of work area, on fencing	1	100	<0.01
145300	Ext, W elevation of work area, on fencing	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/03/2023
Date Analysed: 21/03/2023
Date Authorised: 21/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145304	Int, Beneath work area, within lunch room, on window sill	1.5	100	<0.01
145291	Ext, N elevation of work area, on fencing	1	100	<0.01
145290	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
145278	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/03/2023
Date Analysed: 17/03/2023
Date Authorised: 17/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145277	Int, Enclosure, W elevation	3	100	<0.01
145312	Int, Enclosure, E elevation	0.5	100	<0.01
145303	Int, Enclosure, Within Decontamination unit	2.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/03/2023
Date Analysed: 17/03/2023
Date Authorised: 17/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145277	Int, Enclosure, W elevation	3	100	<0.01
145312	Int, Enclosure, E elevation	0.5	100	<0.01
145303	Int, Enclosure, Within Decontamination unit	2.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/03/2023
Date Analysed: 21/03/2023
Date Authorised: 21/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145304	Int, Beneath work area, within lunch room, on window sill	1.5	100	<0.01
145291	Ext, N elevation of work area, on fencing	1	100	<0.01
145290	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
145278	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/03/2023
Date Analysed: 21/03/2023
Date Authorised: 21/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145294	Int, NE elevation of site, within lunch room, on window sill	0	100	<0.01
145279	Ext, E elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
145284	Ext, W elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/03/2023
Date Analysed: 22/03/2023
Date Authorised: 22/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145281	Int, NE elevation of site, within lunch room, on window sill	0	100	<0.01
145285	Ext, E elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
145280	Ext, W elevation of site, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/03/2023
Date Analysed: 23/03/2023
Date Authorised: 23/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145275	Int, N elevation of work area, within lunch room, on window sill	0.5	100	<0.01
145268	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145276	Ext, S elevation of work area, on fencing	0	100	<0.01
145269	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/03/2023
Date Analysed: 24/03/2023
Date Authorised: 24/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145293	Int, N elevation of work area, within lunch room, on window sill	1	100	<0.01
145283	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145273	Ext, S elevation of work area, on fencing	0	100	<0.01
145274	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/03/2023
Date Analysed: 27/03/2023
Date Authorised: 27/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145263	Int, N elevation of work area, within lunch room, on window sill	1	100	<0.01
145302	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145264	Ext, S elevation of work area, on fencing	0	100	<0.01
145265	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with ISO/IEC 17025 – Testing
Accreditation No:2220

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/03/2023
Date Analysed: 30/03/2023
Date Authorised: 30/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97992	On removalist, Bunthan Kry	1	100	<0.01
97991	On removalist, Seyha Cheang	1.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/03/2023
Date Analysed: 28/03/2023
Date Authorised: 28/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145270	Int, N elevation of work area, within lunch room, on window sill	0.5	100	<0.01
145266	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145271	Ext, S elevation of work area, on fencing	0	100	<0.01
145267	Ext, W elevation of work area, on fencing	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/03/2023
Date Analysed: 28/03/2023
Date Authorised: 28/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145270	Int, N elevation of work area, within lunch room, on window sill	0.5	100	<0.01
145266	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145271	Ext, S elevation of work area, on fencing	0	100	<0.01
145267	Ext, W elevation of work area, on fencing	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/03/2023
Date Analysed: 28/03/2023
Date Authorised: 28/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145270	Int, N elevation of work area, within lunch room, on window sill	0.5	100	<0.01
145266	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145271	Ext, S elevation of work area, on fencing	0	100	<0.01
145267	Ext, W elevation of work area, on fencing	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/03/2023
Date Analysed: 29/03/2023
Date Authorised: 29/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145292	Int, Below work area, within lunch room, on window sill	0	100	<0.01
145282	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145272	Ext, N elevation of work area, on fencing	0	100	<0.01
97995	Ext, S elevation of work area, site centre, on fencing	0	100	<0.01
99704	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/03/2023
Date Analysed: 29/03/2023
Date Authorised: 29/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145292	Int, Below work area, within lunch room, on window sill	0	100	<0.01
145282	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145272	Ext, N elevation of work area, on fencing	0	100	<0.01
97995	Ext, S elevation of work area, site centre, on fencing	0	100	<0.01
99704	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/03/2023
Date Analysed: 30/03/2023
Date Authorised: 30/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97990	Int, Between work areas, Centre of site, on fire hose	0	100	<0.01
97993	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
97989	Ext, S elevation of work area, on fencing	0	100	<0.01
99680	Ext, N elevation of work area, on fencing	0	100	<0.01
97994	Ext, N elevation of work area, on fencing	1.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/03/2023
Date Analysed: 30/03/2023
Date Authorised: 30/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97990	Int, Between work areas, Centre of site, on fire hose	0	100	<0.01
97993	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
97989	Ext, S elevation of work area, on fencing	0	100	<0.01
99680	Ext, N elevation of work area, on fencing	0	100	<0.01
97994	Ext, N elevation of work area, on fencing	1.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/03/2023
Date Analysed: 31/03/2023
Date Authorised: 31/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory:

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97978	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
97980	Ext, N elevation of work area, on fencing	0	100	<0.01
97983	Int, Between work areas, Centre of site, on staff area door	0	100	<0.01
97981	Ext, S elevation of work area, on fencing	0	100	<0.01
97979	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/03/2023
Date Analysed: 31/03/2023
Date Authorised: 31/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory:

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97978	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
97980	Ext, N elevation of work area, on fencing	0	100	<0.01
97983	Int, Between work areas, Centre of site, on staff area door	0	100	<0.01
97981	Ext, S elevation of work area, on fencing	0	100	<0.01
97979	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/03/2023
Date Analysed: 31/03/2023
Date Authorised: 31/03/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory:

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97978	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
97980	Ext, N elevation of work area, on fencing	0	100	<0.01
97983	Int, Between work areas, Centre of site, on staff area door	0	100	<0.01
97981	Ext, S elevation of work area, on fencing	0	100	<0.01
97979	Ext, W elevation of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/04/2023
Date Analysed: 03/04/2023
Date Authorised: 03/04/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97984	Ext, E elevation of work area, adjacent to neighbouring properties, on scaffolding	0	100	<0.01
97982	Int, Between work areas, Centre of site, on fire hose reel	0	100	<0.01
97987	Ext, W elevation of work area, on fencing	0	100	<0.01
97977	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: N/A

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/04/2023
Date Analysed: 04/04/2023
Date Authorised: 04/04/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97970	Ext, E elevation of work area, adjacent to neighbouring properties, on scaffolding	0	100	<0.01
97972	Ext, Between work areas, Centre of site, on fire hose reel	0	100	<0.01
97971	Ext, W elevation of work area, on fencing	0	100	<0.01
97969	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/04/2023
Date Analysed: 11/04/2023
Date Authorised: 11/04/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97956	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
99690	Ext, E elevation of work area, adjacent to neighboring properties, on fencing	0	100	<0.01
97966	Ext, N elevation of work area, adjacent to neighboring properties, on fencing	0	100	<0.01
99673	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
97976	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
97967	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 12/04/2023
Date Analysed: 12/04/2023
Date Authorised: 12/04/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97961	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
97958	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
97960	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
97959	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
97968	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
97957 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/04/2023
Date Analysed: 13/04/2023
Date Authorised: 13/04/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
97973	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1.5	100	<0.01
97965	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
97975	Ext, S elevation of work area, adjacent to Headfort St, on fencing	2	100	<0.01
97974	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
97964	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
97963	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/04/2023
Date Analysed: 14/04/2023
Date Authorised: 14/04/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145445	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
145443	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145453	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
145454	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
145455	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
145444	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: NA

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/04/2023
Date Analysed: 17/04/2023
Date Authorised: 17/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145448	Ext, N elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
145446	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
145447	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
145437	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/04/2023
Date Analysed: 18/04/2023
Date Authorised: 18/04/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Field Laboratory 114 Newdegate Street, Greenslopes QLD

Approved Counter: Nick Kuerzinger

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
A2	Ext, N elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
A3	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1.5	100	<0.01
A4	Int, Main Hall Building North East of Removal Area on Window Ledge	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/04/2023
Date Analysed: 18/04/2023
Date Authorised: 18/04/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Field Laboratory 114 Newdegate Street, Greenslopes QLD

Approved Counter: Nick Kuerzinger

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
A2	Ext, N elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
A3	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1.5	100	<0.01
A4	Int, Main Hall Building North East of Removal Area on Window Ledge	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/04/2023
Date Analysed: 19/04/2023
Date Authorised: 19/04/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Field Laboratory 114 Newdegate Street, Greenslopes QLD

Approved Counter: Nick Kuerzinger

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, NW Corner of site, adjacent to neighbouring properties and scaffolding, on fencing	0	100	<0.01
A2	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
A3	Ext. Eastern boundary adjacent removal area of MHB	2	100	<0.01
A4	Ext, South Western Corner of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
A5	Ext. North Western corner adjacent scaffold removal area, on fence	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/04/2023
Date Analysed: 20/04/2023
Date Authorised: 20/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145427	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
145425	Ext, NW Corner of site, adjacent to neighbouring properties and scaffolding, on fencing	0	100	<0.01
145426	Ext. Eastern boundary adjacent removal area of MHB	0	100	<0.01
145428	Ext. North Western corner adjacent scaffold removal area, on fence	0	100	<0.01
145438	Ext, South Western Corner of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/04/2023
Date Analysed: 20/04/2023
Date Authorised: 20/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145427	Ext, Centre of Site, Lunch Room, on window sill	0	100	<0.01
145425	Ext, NW Corner of site, adjacent to neighbouring properties and scaffolding, on fencing	0	100	<0.01
145426	Ext. Eastern boundary adjacent removal area of MHB	0	100	<0.01
145428	Ext. North Western corner adjacent scaffold removal area, on fence	0	100	<0.01
145438	Ext, South Western Corner of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/04/2023
Date Analysed: 21/04/2023
Date Authorised: 21/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145415	Int, N of work area , within Lunch Room, on window sill	0	100	<0.01
145416	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	0	100	<0.01
145439	Ext. Eastern elevation or work area - on fencing	0	100	<0.01
145417	Ext. S elevation of work area, on fence	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: NA

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/04/2023
Date Analysed: 26/04/2023
Date Authorised: 26/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145440	Int, Centre of site, within Lunch Room, on window sill	0	100	<0.01
145441	Ext, SE elevation of site, adjacent to neighbouring properties, on fencing	0	100	<0.01
145431	Ext. Western elevation of site, adjacent dite entry - on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/04/2023
Date Analysed: 27/04/2023
Date Authorised: 27/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site: 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145430	Int, N of work area , within Lunch Room, on window sill	0	100	<0.01
145419	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	0	100	<0.01
145429	Ext. Western elevation or work area - on fencing	0	100	<0.01
145414	Ext. S elevation of work area, on fence	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/04/2023
Date Analysed: 28/04/2023
Date Authorised: 28/04/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Site : 114 Newdegate Street, Greenslopes QLD

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
145420	Int, N of work area , within Lunch Room, on window sill	0	100	<0.01
145418	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	0	100	<0.01
145421	Ext, N elevation of work area/ centre of site - on window	0	100	<0.01
145422	Ext. Western elevation or work area - on fencing	0	100	<0.01
97962	Ext. S elevation of work area, on fence	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 02/05/2023
Date Analysed: 02/05/2023
Date Authorised: 02/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147044	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147013	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147023	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147043	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147033	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147054 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/05/2023
Date Analysed: 03/05/2023
Date Authorised: 03/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147062	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147052	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147042	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147032	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147051	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147022 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/05/2023
Date Analysed: 04/05/2023
Date Authorised: 04/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147021	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147060	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147024	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147031	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147041	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147061 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/05/2023
Date Analysed: 05/05/2023
Date Authorised: 05/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147055	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
147056	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147050	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
147059	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147058	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147057 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/05/2023
Date Analysed: 08/05/2023
Date Authorised: 08/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147048	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147047	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147046	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147040	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
147045	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147049 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/05/2023
Date Analysed: 05/05/2023
Date Authorised: 05/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147055	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
147056	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147050	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
147059	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147058	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147057 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/05/2023
Date Analysed: 05/05/2023
Date Authorised: 05/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147055	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
147056	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147050	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
147059	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147058	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147057 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 09/05/2023
Date Analysed: 09/05/2023
Date Authorised: 09/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147014	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147035	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147039	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147036	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1.5	100	<0.01
147037	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147038 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/05/2023
Date Analysed: 10/05/2023
Date Authorised: 10/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147026	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147028	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147027	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147030	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147025	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147029 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/05/2023
Date Analysed: 10/05/2023
Date Authorised: 10/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147026	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147028	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147027	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147030	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147025	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147029 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/05/2023
Date Analysed: 11/05/2023
Date Authorised: 11/05/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147017	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147015	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147016	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147020	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147018	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
147019 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 12/05/2023
Date Analysed: 12/05/2023
Date Authorised: 12/05/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147271	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147269	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147281	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147282	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147270	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147272 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/05/2023
Date Analysed: 15/05/2023
Date Authorised: 15/05/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147299	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147289	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147279	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147309	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147290	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
147280 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/05/2023
Date Analysed: 17/05/2023
Date Authorised: 17/05/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147308	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147307	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
147305	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147306	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
147291	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
147292-Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/05/2023
Date Analysed: 18/05/2023
Date Authorised: 18/05/2023
Sampled by: Leo Qu
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Leo Qu

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147312	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147310	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147302	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
147301	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
147311	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
147300 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/05/2023
Date Analysed: 19/05/2023
Date Authorised: 19/05/2023
Sampled by: Leo Qu
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Leo Qu

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147298	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147297	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147303	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147296	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147295	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
147304 – Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/05/2023
Date Analysed: 22/05/2023
Date Authorised: 22/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
147288	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
147287	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147286	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
147277	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
147278	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
147285	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/05/2023
Date Analysed: 25/05/2023
Date Authorised: 25/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639573	Ext, NE elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639479	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639565	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639469	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639420	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639593	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/05/2023
Date Analysed: 25/05/2023
Date Authorised: 25/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639573	Ext, NE elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639479	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639565	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639469	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639420	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639593	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/05/2023
Date Analysed: 26/05/2023
Date Authorised: 26/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639601	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639491	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639494	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639424	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639597	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639556	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/05/2023
Date Analysed: 26/05/2023
Date Authorised: 26/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639601	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639491	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639494	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639424	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639597	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639556	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/05/2023
Date Analysed: 29/05/2023
Date Authorised: 29/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639443	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639596	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639470	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639426	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639564	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639602	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/05/2023
Date Analysed: 30/05/2023
Date Authorised: 30/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639581	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639427	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639409	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639587	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639451	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH6394544	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/05/2023
Date Analysed: 31/05/2023
Date Authorised: 31/05/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639454	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639562	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639432	Int, Centre of site, staff lunch area, on window caging	1	100	<0.01
DH639464	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639429	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639428	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 01/06/2023
Date Analysed: 01/06/2023
Date Authorised: 01/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639463	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639598	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639441	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639489	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639477	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639592	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 02/06/2023
Date Analysed: 02/06/2023
Date Authorised: 02/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639586	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639590	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639591	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639582	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639583	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639471	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/06/2023
Date Analysed: 05/06/2023
Date Authorised: 05/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639594	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639475	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639495	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639580	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639588	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639486	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/06/2023
Date Analysed: 06/06/2023
Date Authorised: 06/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640414	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640420	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640410	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH639450	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640418	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640426	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 07/06/2023
Date Analysed: 07/06/2023
Date Authorised: 07/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640425	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640404	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640423	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH640412	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640424	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640411	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/06/2023
Date Analysed: 08/06/2023
Date Authorised: 08/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640428	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640400	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640406	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH640422	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640417	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640419	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/06/2023
Date Analysed: 08/06/2023
Date Authorised: 08/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640428	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640400	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640406	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH640422	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640417	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640419	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 09/06/2023
Date Analysed: 09/06/2023
Date Authorised: 09/06/2023
Sampled by: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory Level 20, Tower B, Citadel Towers 799 Pacific Highway Chatswood NSW 2067

Approved Counter: Steph Hall

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640402	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640421	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640415	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH640399	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640407	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640416	Field blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 12/06/2023
Date Analysed: 12/06/2023
Date Authorised: 12/06/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Field Laboratory 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Nick Kuerzinger

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
A2	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
A3	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
A4	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
A5	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
FB	-	0	100	-

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Analytical Report


 Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/06/2023
Date Analysed: 13/06/2023
Date Authorised: 13/06/2023
Sampled by: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Field Laboratory 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Nick Kuerzinger

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
A2	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
A3	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
A4	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
A5	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/06/2023
Date Analysed: 14/06/2023
Date Authorised: 14/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640059	Int, Centre of site, staff lunch area, on window caging	0	100	<0.01
DH640060	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640050	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640058	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640049	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640051 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/06/2023
Date Analysed: 15/06/2023
Date Authorised: 15/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640458	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640123	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640066	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640482	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640427	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640053 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640068	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640378	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640429	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640117	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640375	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640048 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640068	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640378	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640429	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640117	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640375	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640048 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640068	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640378	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640429	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640117	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640375	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640048 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640188	Int, Accommodation block, Common room, Centre of room	0	100	<0.01
DH640379	Int, Accommodation block, Amenities room, Centre of room	0	100	<0.01
DH640401	Int, Accommodation block, Entrance to Common room, Centre of room	0	100	<0.01
DH640077 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640068	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640378	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640429	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640117	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640375	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640048 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/06/2023
Date Analysed: 19/06/2023
Date Authorised: 19/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640188	Int, Accommodation block, Common room, Centre of room	0	100	<0.01
DH640379	Int, Accommodation block, Amenities room, Centre of room	0	100	<0.01
DH640401	Int, Accommodation block, Entrance to Common room, Centre of room	0	100	<0.01
DH640077 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/06/2023
Date Analysed: 20/06/2023
Date Authorised: 20/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640070	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640075	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640057	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640088	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640083	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640430-Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/06/2023
Date Analysed: 21/06/2023
Date Authorised: 21/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640047	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640183	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640037	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640073	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640180	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640039 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/06/2023
Date Analysed: 22/06/2023
Date Authorised: 22/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640036	Int, North west corner of site, staff lunch area, on switch box	0	100	<0.01
DH640065	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640080	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640408	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640046	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640079 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/06/2023
Date Analysed: 23/06/2023
Date Authorised: 23/06/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640041	Int, North west corner of site, staff lunch area, on switch box	1	100	<0.01
DH640072	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640061	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0.5	100	<0.01
DH640062	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640063	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
DH640134 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/06/2023
Date Analysed: 26/06/2023
Date Authorised: 26/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

DH640055	Int, North west corner of work area, staff lunch area, on microwave	2	100	<0.01
DH640064	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640067	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH640082	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640045	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640129 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/06/2023
Date Analysed: 27/06/2023
Date Authorised: 27/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

DH640044	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640040	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH640043	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640056	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640038	Int, North west corner of work area, staff lunch area, on microwave	2	100	<0.01
DH640054 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/06/2023
Date Analysed: 28/06/2023
Date Authorised: 28/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640042	Int, North west corner of work area, staff lunch area, on microwave	2	100	<0.01
DH640392	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640396	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH640397	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	2	100	<0.01
DH640373	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640069 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/06/2023
Date Analysed: 29/06/2023
Date Authorised 29/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640394	Int, North west corner of work area, staff lunch area, on switch box	0	100	<0.01
DH640352	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640347	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH640387	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640351	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640390 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/06/2023
Date Analysed: 30/06/2023
Date Authorised: 30/06/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640338	Int, North west corner of work area, staff lunch area, on switch box	1	100	<0.01
DH640388	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640398	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH640341	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640376	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640344 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/07/2023
Date Analysed: 03/07/2023
Date Authorised: 03/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640393	Int, North west corner of work area, staff lunch area, on switch box	1	100	<0.01
DH640350	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640339	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640348	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640342	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640337 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/07/2023
Date Analysed: 04/07/2023
Date Authorised: 04/07/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640349	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640385	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640343	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640359	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640353	Int, North west corner of work area, staff lunch area, next to microwave	0	100	<0.01
DH640377 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/07/2023
Date Analysed: 05/07/2023
Date Authorised: 05/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640363	Int, North west corner of work area, staff lunch area, on switch box	1	100	<0.01
DH640368	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640369	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640345	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640361	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640346 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/07/2023
Date Analysed: 06/07/2023
Date Authorised: 06/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640383	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640357	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640366	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640372	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640371	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640386 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 07/07/2023
Date Analysed: 07/07/2023
Date Authorised: 07/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640356	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640365	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640358	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640364	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640360	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640355 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/07/2023
Date Analysed: 10/07/2023
Date Authorised: 10/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640367	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640977	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640362	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640963	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640370	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640354 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/07/2023
Date Analysed: 11/07/2023
Date Authorised: 11/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640972	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640978	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH641001	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640970	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640971	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640939 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 12/07/2023
Date Analysed: 12/07/2023
Date Authorised: 12/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640976	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640964	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640969	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH641015	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640944	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640995 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/07/2023
Date Analysed: 14/07/2023
Date Authorised: 14/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640966	Int, North west corner of work area, staff lunch area, on switch box	1.5	100	<0.01
DH640960	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640961	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640965	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640967	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640959	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/07/2023
Date Analysed: 17/07/2023
Date Authorised: 17/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

*As per The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2; sample DH640951 was void due to flow rate exceeding +/-10% variation.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH641021	Int, North west corner of work area, staff lunch area, on switch box	1	100	<0.01
DH640947	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640974	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640951	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	*VOID	*VOID	*VOID
DH640957	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH641048 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/07/2023
Date Analysed: 18/07/2023
Date Authorised: 18/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640948	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640949	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640985	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640906	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640937	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH641020 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/07/2023
Date Analysed: 19/07/2023
Date Authorised: 19/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640904	Int, North west corner of work area, staff lunch area, on switch box	2	100	<0.01
DH640943	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640980	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640952	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH641002	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640941 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/07/2023
Date Analysed: 20/07/2023
Date Authorised: 20/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640979	Int, North west corner of work area, staff lunch area, on switch box	1	100	<0.01
DH640958	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640962	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH640994	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1.5	100	<0.01
DH640968	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH640973 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/07/2023
Date Analysed: 21/07/2023
Date Authorised: 21/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH640898	Int, North west corner of work area, staff lunch area, on switch box	0	100	<0.01
DH640956	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640936	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH640998	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH640934	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH640975 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/07/2023
Date Analysed: 24/07/2023
Date Authorised: 24/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

*As per The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2; sample DH635229 was void due to the filter being damaged.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635232	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH635230	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635222	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635229	Ext, S elevation of work area, adjacent to Headfort St, on fencing	*VOID	*VOID	*VOID
DH635234	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639112 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/07/2023
Date Analysed: 25/07/2023
Date Authorised: 25/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635210	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH635215	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639104	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635214	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639101	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639103 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/07/2023
Date Analysed: 26/07/2023
Date Authorised: 26/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639106	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH639099	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639094	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635202	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH639117	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	2	100	<0.01
DH639109 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/07/2023
Date Analysed: 27/07/2023
Date Authorised: 27/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639086	Int, North west corner of work area, lunch room, on switch box	3	100	<0.01
DH639102	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639091	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH635217	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH639088	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639127 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/07/2023
Date Analysed: 28/07/2023
Date Authorised: 28/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639074	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH639090	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639073	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639093	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH635218	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639072 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/07/2023
Date Analysed: 28/07/2023
Date Authorised: 28/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639074	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH639090	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639073	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639093	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH635218	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639072 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/07/2023
Date Analysed: 31/07/2023
Date Authorised: 31/07/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635224	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH639081	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639077	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH639105	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH635221	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	4	100	<0.01
DH639076 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 01/08/2023
Date Analysed: 01/08/2023
Date Authorised: 01/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635219	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH639087	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638630	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638632	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH639118	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH639108 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 01/08/2023
Date Analysed: 01/08/2023
Date Authorised: 01/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635219	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH639087	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638630	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638632	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH639118	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH639108 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 02/08/2023
Date Analysed: 02/08/2023
Date Authorised: 02/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638618	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638616	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638628	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638611	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638621	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	2	100	<0.01
DH638617 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/08/2023
Date Analysed: 03/08/2023
Date Authorised: 03/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638625	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638623	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638642	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638622	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638637	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638627 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/08/2023
Date Analysed: 03/08/2023
Date Authorised: 03/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638625	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638623	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638642	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638622	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638637	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638627 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: -

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/08/2023
Date Analysed: 05/08/2023
Date Authorised: 05/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638615	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638620	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638673	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638612	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH638613	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH638609 - Field Blank	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/08/2023
Date Analysed: 08/08/2023
Date Authorised: 08/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638604	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638587	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638564	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638597	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638573	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638584 - Field Blank	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 09/08/2023
Date Analysed: 09/08/2023
Date Authorised: 09/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638565	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638596	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638598	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638546	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638581	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638558 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/08/2023
Date Analysed: 10/08/2023
Date Authorised: 10/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638626	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH638639	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638640	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638619	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH638629	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH638633 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/08/2023
Date Analysed: 10/08/2023
Date Authorised: 10/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638626	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH638639	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638640	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638619	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH638629	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	1	100	<0.01
DH638633 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/08/2023
Date Analysed: 11/08/2023
Date Authorised: 11/08/2023
Sampled by: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638610	Int, North west corner of work area, lunch room, on switch box	2	100	<0.01
DH638550	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638641	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638638	Ext, S elevation of work area, adjacent to Headfort St, on fencing	1	100	<0.01
DH638634	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638583 - Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/08/2023
Date Analysed: 22/08/2023
Date Authorised: 22/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638656	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638664	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638649	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638653	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638671	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH635936	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/08/2023
Date Analysed: 23/08/2023
Date Authorised: 23/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638575	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638577	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638571	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638574	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638631	Int, North west corner of work area, lunch room, on switch box	1	100	<0.01
DH638664	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/08/2023
Date Analysed: 24/08/2023
Date Authorised: 24/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

*As per The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2; sample DH638585 was void due to flow rate exceeding +/-10% variation.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638635	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638652	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638585	Ext, S elevation of work area, adjacent to Headfort St, on fencing	*VOID	*VOID	*VOID
DH635893	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638614	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH638624	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/08/2023
Date Analysed: 25/08/2023
Date Authorised: 25/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635510	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635514	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635478	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH635476	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635483	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH638570	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/08/2023
Date Analysed: 28/08/2023
Date Authorised: 28/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635205	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639021	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635204	Ext, S elevation of work area, adjacent to Headfort St, on fencing	0	100	<0.01
DH638989	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639014	Int, North west corner of work area, lunch room, on switch box	0	100	<0.01
DH638982	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/08/2023
Date Analysed: 29/08/2023
Date Authorised: 29/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639002	Excavator cab, on handle	0	100	<0.01
DH638984	Int, North west corner of site, lunch room, on switch box	1.5	100	<0.01
DH639007	Decontamination unit, outside clean end, on handle	1	100	<0.01
DH639016	Ext, NE elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639019	Ext, SE elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638990	Ext, SW elevation site boundary, adjacent to Headfort St, on fencing	1	100	<0.01
DH638994	Ext, NW elevation site boundary, adjacent to Newdegate St, on fencing	2	100	<0.01
DH639018	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/08/2023
Date Analysed: 30/08/2023
Date Authorised: 30/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639005	Excavator cab, top left hand side of front windscreen, on handle	1	100	<0.01
DH638992	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH638998	Int, North west corner of site, lunch room, on switch box	1	100	<0.01
DH638983	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639017	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638996	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639030	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH639012	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/08/2023
Date Analysed: 31/08/2023
Date Authorised: 31/08/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639029	Excavator cab, top left hand side of front windscreen, on handle	1.5	100	<0.01
DH639013	Positrack cab, top centre of rear windscreen, on handle	0	100	<0.01
DH635527	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639031	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH639025	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639000	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639004	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639008	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH639128	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 01/09/2023
Date Analysed: 01/09/2023
Date Authorised: 01/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639027	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH638999	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH639023	Positrack cab, top centre of rear windscreen, on handle	1	100	<0.01
DH639010	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639024	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639020	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639003	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639009	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH635206	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/09/2023
Date Analysed: 04/09/2023
Date Authorised: 04/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635503	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH635516	Int, North west corner of site, lunch room, on switch box	1	100	<0.01
DH635484	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635481	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH635501	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
DH635495	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635489	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH635482	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/09/2023
Date Analysed: 05/09/2023
Date Authorised: 05/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635475	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH635498	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH635490	Int, North west corner of site, lunch room, on switch box	1	100	<0.01
DH635487	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635486	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635488	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH635522	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/09/2023
Date Analysed: 06/09/2023
Date Authorised: 06/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635500	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635485	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH635533	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0.5	100	<0.01
DH635480	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635515	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635491	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH635499	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
Field Blank	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 07/09/2023
Date Analysed: 07/09/2023
Date Authorised: 07/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007599	Decontamination unit, outside clean end, on handle	0	100	<0.01
007600	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
007598	Positrack cab, top centre of rear windscreen, on handle	0	100	<0.01
007597	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
085461	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
007589	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
007588	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
007587	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 07/09/2023
Date Analysed: 07/09/2023
Date Authorised: 07/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007599	Decontamination unit, outside clean end, on handle	0	100	<0.01
007600	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
007598	Positrack cab, top centre of rear windscreen, on handle	0	100	<0.01
007597	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
085461	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
007589	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
007588	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
007587	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 08/09/2023
Date Analysed: 08/09/2023
Date Authorised: 08/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

As per The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2, sample DH635513 was void due to pump location change.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635496	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635513	Decontamination unit, outside clean end, on handle	*VOID	*VOID	*VOID
DH635497	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635521	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH635493	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635507	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635494	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/09/2023
Date Analysed: 11/09/2023
Date Authorised: 11/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635492	Int, North west corner of site, lunch room, on switch box	1.5	100	<0.01
DH635512	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635520	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH635506	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH635916	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
085486	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
007593	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 12/09/2023
Date Analysed: 12/09/2023
Date Authorised: 12/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
007592	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
085466	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635505	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH638501	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638502	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH638499	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638498	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/09/2023
Date Analysed: 13/09/2023
Date Authorised: 13/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638494	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638493	Excavator cab, top left hand side of front windscreen, on handle	1.5	100	<0.01
DH638496	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	2	100	<0.01
DH638495	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH638500	Decontamination unit, outside clean end, on handle	1	100	<0.01
DH638489	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	3	100	<0.01
DH638449	Int, North west corner of site, lunch room, on switch box	2	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/09/2023
Date Analysed: 14/09/2023
Date Authorised: 14/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638464	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH638450	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH638459	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638461	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0.5	100	<0.01
DH638460	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	1	100	<0.01
DH638477	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH636157	Excavator cab, top left hand side of front windscreen, on handle	1	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/09/2023
Date Analysed: 15/09/2023
Date Authorised: 15/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639096	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639075	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639082	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH639071	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0.5	100	<0.01
DH639089	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH639080	Excavator cab, top left hand side of front windscreen, on handle	2	100	<0.01
DH639084	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639095	Mini digger, top left hand side of front windscreen	1	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/09/2023
Date Analysed: 18/09/2023
Date Authorised: 18/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638467	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH638491	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	2	100	<0.01
DH638465	Excavator cab, top left hand side of front windscreen, on handle	1	100	<0.01
DH638455	Mini digger, top left hand side of front windscreen	1	100	<0.01
DH638462	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	1.5	100	<0.01
DH638451	Decontamination unit, outside clean end, on handle	0	100	<0.01
DH638478	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638457	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0.5	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 19/09/2023
Date Analysed: 19/09/2023
Date Authorised: 19/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638453	Excavator cab, top left hand side of front windscreen, on handle	2	100	<0.01
DH638492	Mini digger, top left hand side of front windscreen	0	100	<0.01
DH638466	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH638474	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638476	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638472	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638454	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/09/2023
Date Analysed: 20/09/2023
Date Authorised: 20/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638468	Int, North west corner of site, lunch room, on switch box	1	100	<0.01
DH638488	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638463	Mini digger, top left hand side of front windscreen	0	100	<0.01
DH635502	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH638482	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	2	100	<0.01
DH638480	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638490	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/09/2023
Date Analysed: 20/09/2023
Date Authorised: 20/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638468	Int, North west corner of site, lunch room, on switch box	1	100	<0.01
DH638488	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH638463	Mini digger, top left hand side of front windscreen	0	100	<0.01
DH635502	Excavator cab, top left hand side of front windscreen, on handle	0	100	<0.01
DH638482	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	2	100	<0.01
DH638480	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638490	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/09/2023
Date Analysed: 21/09/2023
Date Authorised: 21/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638485	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH638486	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH638479	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH638481	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH636054	Mini digger, top left hand side of front windscreen	0	100	<0.01
DH638475	Excavator cab, top left hand side of front windscreen, on handle	1	100	<0.01
DH636857	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/09/2023
Date Analysed: 22/09/2023
Date Authorised: 23/09/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH638487	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH638484	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH639069	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639043	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH639051	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635209	Mini digger, top left hand side of front windscreen	2	100	<0.01
DH639038	Excavator cab, top left hand side of front windscreen, on handle	1.5	100	<0.01
FB	-	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/09/2023
Date Analysed: 25/09/2023
Date Authorised: 25/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639037	Excavator cab, top right hand side of front windscreen, on handle	0	100	<0.01
DH639044	Mini digger, top left hand side of front windscreen	0	100	<0.01
DH639070	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639048	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639039	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639059	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639050	Ext, SW corner site boundary, adjacent to Headfort St, on fencing	0	100	<0.01
DH639085	Field Blank	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 26/09/2023
Date Analysed: 26/09/2023
Date Authorised: 26/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639052	Excavator cab, top right hand side of front windscreen, on handle	0	100	<0.01
DH639097	Mini digger, top left hand side of rear windscreen, on hook	1	100	<0.01
DH639056	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639083	Ext, S elevation site boundary, adjacent to Headfort St, on bollard	0	100	<0.01
DH639066	Ext, E elevation site boundary, adjacent to neighbouring properties, on bollard	0.5	100	<0.01
DH639054	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH639065	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639062	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/09/2023
Date Analysed: 27/09/2023
Date Authorised: 27/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635321	Excavator cab, top right hand side of front windscreen, on handle	0	100	<0.01
DH635325	Mini digger, top left hand side of rear windscreen, on hook	0	100	<0.01
DH635316	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH639057	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH639092	Ext, E elevation site boundary, adjacent to neighbouring properties, on bollard	0	100	<0.01
DH635314	Ext, S elevation site boundary, adjacent to Headfort St, on bollard	0	100	<0.01
DH635304	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635306	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/09/2023
Date Analysed: 28/09/2023
Date Authorised: 28/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635298	Excavator cab, top right hand side of front windscreen, on handle	0	100	<0.01
DH635313	Mini digger, top left hand side of rear windscreen, on hook	1.5	100	<0.01
DH635318	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635308	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635317	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635312	Ext, E elevation site boundary, adjacent to neighbouring properties, on bollard	1	100	<0.01
DH635319	Ext, S elevation site boundary, adjacent to Headfort St, on bollard	0	100	<0.01
DH639040	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/09/2023
Date Analysed: 28/09/2023
Date Authorised: 28/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635298	Excavator cab, top right hand side of front windscreen, on handle	0	100	<0.01
DH635313	Mini digger, top left hand side of rear windscreen, on hook	1.5	100	<0.01
DH635318	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635308	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635317	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635312	Ext, E elevation site boundary, adjacent to neighbouring properties, on bollard	1	100	<0.01
DH635319	Ext, S elevation site boundary, adjacent to Headfort St, on bollard	0	100	<0.01
DH639040	Field Blank	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/09/2023
Date Analysed: 29/09/2023
Date Authorised: 29/09/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Patricy Cortes

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH639053	Excavator cab, top right hand side of front windscreen, on handle	1	100	<0.01
DH635261	Mini digger, top left hand side of rear windscreen, on hook	1	100	<0.01
DH635276	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635272	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635268	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635280	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635266	Ext, SW elevation site boundary, adjacent to Headfort St, on fence	0	100	<0.01
DH635274	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/10/2023
Date Analysed: 03/10/2023
Date Authorised: 03/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635284	Excavator cab, top right hand side of front windscreen, on handle	2	100	<0.01
DH635293	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635260	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635301	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635292	Ext, SW elevation site boundary, adjacent to Headfort St, on fence	0	100	<0.01
DH635291	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635258	Field Blank	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 03/10/2023
Date Analysed: 03/10/2023
Date Authorised: 03/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635284	Excavator cab, top right hand side of front windscreen, on handle	2	100	<0.01
DH635293	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635260	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635301	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635292	Ext, SW elevation site boundary, adjacent to Headfort St, on fence	0	100	<0.01
DH635291	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635258	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 04/10/2023
Date Analysed: 04/10/2023
Date Authorised: 04/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD.

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635309	Excavator cab, top right hand side of front windscreen, on handle	1	100	<0.01
DH635296	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635259	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635262	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635300	Ext, SW elevation site boundary, adjacent to Headfort St, on fence	0	100	<0.01
DH635263	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	0	100	<0.01
DH635288	Field Blank	0	100	-

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Analytical Report



Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 05/10/2023
Date Analysed: 05/10/2023
Date Authorised: 05/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635264	Excavator cab, top right hand side of front windscreen, on handle	1	100	<0.01
DH635294	Int, North west corner of site, lunch room, on switch box	0	100	<0.01
DH635257	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635286	Ext, NW elevation, adjacent to work area, on bollard	0	100	<0.01
DH635295	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DH635299	Ext, centre of site, on bollard	0	100	<0.01
DH635315	Field Blank	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 06/10/2023
Date Analysed: 06/10/2023
Date Authorised: 06/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635310	Excavator cab, top right hand side of front windscreen, on handle	1	100	<0.01
DH635320	Int, south elevation, lunch room, on switch box	0	100	<0.01
DH635323	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DH635305	Ext, centre of site, on bollard	0	100	<0.01
DH635322	Ext, NW elevation, adjacent to work area, on bollard	0	100	<0.01
DH635303	Ext, SE elevation, adjacent work area, next to decon unit, on bollard	0	100	<0.01
DH635311	Field Blank	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 11/10/2023
Date Analysed: 11/10/2023
Date Authorised: 11/10/2023
Sampled by: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Site Laboratory at 114 Newdegate Street, Greenslopes QLD

Approved Counter: Laura Smith

Approved Signatory: Laura Smith

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DI463616	Excavator cab, right hand side of front windscreen, on handle	1	100	<0.01
DI466638	Int, south elevation, lunch room, on switch box	0	100	<0.01
DI466476	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DI467286	Ext, S elevation, outside supervisors office, on bollard	1	100	<0.01
DI466439	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI466636	Mini digger, left hand side of drivers seat, on hook	0	100	<0.01
DI467336	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
DI467319	Field Blank	0	100	-

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Analytical Report



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/10/2023
Date Analysed: 13/10/2023
Date Authorised: 13/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Caitlin McKinnon

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DI466609	Int, south elevation, lunch room, on switch box	0	100	<0.01
DI463765	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DI463799	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI463780	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DI466592	Ext, S elevation, outside supervisors office, on bollard	0	100	<0.01
DI466441	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/12/2023
Date Analysed: 14/12/2023
Date Authorised: 14/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
A3	E of work area, on fencing	0	100	<0.01
A4	NE of work area, on fencing	0	100	<0.01
A1	W of work area, on fencing	0	100	<0.01
A2	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/12/2023
Date Analysed: 14/12/2023
Date Authorised: 14/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
A3	E of work area, on fencing	0	100	<0.01
A4	NE of work area, on fencing	0	100	<0.01
A1	W of work area, on fencing	0	100	<0.01
A2	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/12/2023
Date Analysed: 14/12/2023
Date Authorised: 14/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
A3	E of work area, on fencing	0	100	<0.01
A4	NE of work area, on fencing	0	100	<0.01
A1	W of work area, on fencing	0	100	<0.01
A2	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/12/2023
Date Analysed: 14/12/2023
Date Authorised: 14/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
A3	E of work area, on fencing	0	100	<0.01
A4	NE of work area, on fencing	0	100	<0.01
A1	W of work area, on fencing	0	100	<0.01
A2	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 16/10/2023
Date Analysed: 16/10/2023
Date Authorised: 16/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DI466607	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI467165	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
DI466614	Ext, S elevation, outside supervisors office, on bollard	0	100	<0.01
DI466588	Int, south elevation, lunch room, on switch box	0	100	<0.01
DI467084	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DI466599	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/10/2023
Date Analysed: 17/10/2023
Date Authorised: 17/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DI466449	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DH635223	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635228	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
DH639045	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DH635226	Ext, S elevation, outside supervisors office, on bollard	0	100	<0.01
DH635282	Int, south elevation, lunch room, on switch box	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 18/10/2023
Date Analysed: 18/10/2023
Date Authorised: 18/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DI466590	Int, south elevation, lunch room, on switch box	0	100	<0.01
DH635227	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DH635238	Ext, S elevation, outside supervisors office, on bollard	0	100	<0.01
DH635231	Ext, SW elevation, adjacent to corner of Newdegate St and Headfort St, on bollard	0	100	<0.01
DH639116	Ext, W elevation, adjacent to Newdegate Street, on fencing	1	100	<0.01
DI466600	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/10/2023
Date Analysed: 23/10/2023
Date Authorised: 23/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635235	Ext, S elevation, outside supervisors office, on bollard	0	100	<0.01
DH635248	Int, south elevation, lunch room, on switch box	0	100	<0.01
DH635246	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635240	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
DH635247	Ext, N elevation, adjacent to neighbouring properties, on fencing	1	100	<0.01
DH635253	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/10/2023
Date Analysed: 24/10/2023
Date Authorised: 24/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635283	Ext, S elevation, adjacent Headfort st, on bollard	0	100	<0.01
DH635237	Excavator cab, right hand side of front windscreen, on handle	-	-	Rejected
DH635279	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635244	Ext, N elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635242	Ext, W elevation, adjacent to Newdegate Street, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with
ISO/IEC 17025 – Testing
Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/10/2023
Date Analysed: 25/10/2023
Date Authorised: 25/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
Level 20, Tower B, Citadel Towers 799 Pacific Highway
Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635254	Ext, S elevation, adjacent Headfort st, on bollard	0	100	<0.01
DH635245	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DI467172	Ext, N elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635225	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI466617 FB	Ext, W elevation, adjacent to Newdegate Street, on fencing -	0 0	100 100	<0.01 -

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Analytical Report



Accredited for compliance with
ISO/IEC 17025 – Testing
Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/10/2023
Date Analysed: 25/10/2023
Date Authorised: 25/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
Level 20, Tower B, Citadel Towers 799 Pacific Highway
Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635254	Ext, S elevation, adjacent Headfort st, on bollard	0	100	<0.01
DH635245	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DI467172	Ext, N elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635225	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI466617 FB	Ext, W elevation, adjacent to Newdegate Street, on fencing -	0 0	100 100	<0.01 -

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998, Brisbane QLD 4001



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 25/10/2023
Date Analysed: 25/10/2023
Date Authorised: 25/10/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Richard Wilkinson

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
DH635254	Ext, S elevation, adjacent Headfort st, on bollard	0	100	<0.01
DH635245	Excavator cab, right hand side of front windscreen, on handle	0	100	<0.01
DI467172	Ext, N elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DH635225	Ext, E elevation, adjacent to neighbouring properties, on fencing	0	100	<0.01
DI466617 FB	Ext, W elevation, adjacent to Newdegate Street, on fencing -	0 0	100 100	<0.01 -

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Analytical Report



Accredited for compliance with
ISO/IEC 17025 – Testing
Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/12/2023
Date Analysed: 13/12/2023
Date Authorised: 13/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
Level 20, Tower B, Citadel Towers 799 Pacific Highway
Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	SW of work area, adjacent site shed, on door	0	100	<0.01
A2	E of work area, on fencing	0	100	<0.01
A3	NE of work area, on fencing	2	100	<0.01
A4	W of work area, on fencing	0	100	<0.01
A5	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:



Accredited for compliance with
 ISO/IEC 17025 – Testing
 Accreditation No:2220

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/12/2023
Date Analysed: 14/12/2023
Date Authorised: 14/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
 Level 20, Tower B, Citadel Towers 799 Pacific Highway
 Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
A3	E of work area, on fencing	0	100	<0.01
A4	NE of work area, on fencing	0	100	<0.01
A1	W of work area, on fencing	0	100	<0.01
A2	NW of work area, on fencing	0	100	<0.01
FB	-	0	100	-

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Analytical Report



Accredited for compliance with
ISO/IEC 17025 – Testing
Accreditation No:2220

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address:

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/12/2023
Date Analysed: 16/12/2023
Date Authorised: 16/12/2023
Sampled by: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e., not necessarily asbestos.

Analysed At: Tetra Tech Coffey Pty Ltd Laboratory
Level 20, Tower B, Citadel Towers 799 Pacific Highway
Chatswood NSW 2067

Approved Counter: Patricy Cortes

Approved Signatory: Matthew Tang

Sample#	Sample Location(s)	Fibre Count	Fields	Result (Fibres/ml)
A1	E of work area, on fencing	0	100	<0.01
A2	NE of work area, on fencing	0	100	<0.01
A3	NW of work area, on fencing	0	100	<0.01
A4	W of work area, on fencing	0	100	<0.01
A5	SW of work area, adjacent site shed, on door	0	100	<0.01
FB	-	0	100	-

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Section 2 - Lead Air Monitoring

This section contains the Analytical Reports by Tetra Tech Coffey for airborne lead monitoring.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 30092022
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/02/2023
Date Printed: 20/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes

Patricy Cortes

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 14022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/02/2023
Date Printed: 27/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 15022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/02/2023
Date Printed: 27/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 16022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 16/02/2023
Date Printed: 28/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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12 Ashley St Chatswood NSW 2067

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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 317186

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	Filter
Date samples received	23/02/2023
Date completed instructions received	23/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 02/03/2023

Date of Issue 27/02/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317186-1	317186-2	317186-3	317186-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		16/02/2023	16/02/2023	16/02/2023	16/02/2023
Date prepared	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date analysed	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Date analysed	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	100	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 17022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/02/2023
Date Printed: 28/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



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CERTIFICATE OF ANALYSIS 317228

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	4 Filter
Date samples received	23/02/2023
Date completed instructions received	23/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 02/03/2023

Date of Issue 27/02/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317228-1	317228-2	317228-3	317228-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		17/02/2023	17/02/2023	17/02/2023	17/02/2023
Date prepared	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date analysed	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Date analysed	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	120	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 20022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/02/2023
Date Printed: 28/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
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CERTIFICATE OF ANALYSIS 317188

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	4 Filter
Date samples received	23/02/2023
Date completed instructions received	23/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

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Report Details

Date results requested by 02/03/2023

Date of Issue 27/02/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317188-1	317188-2	317188-3	317188-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		20/02/2023	20/02/2023	20/02/2023	20/02/2023
Date prepared	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date analysed	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Date analysed	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	100	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
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Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 21022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/02/2023
Date Printed: 28/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

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Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



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CERTIFICATE OF ANALYSIS 317226

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	4 Filter
Date samples received	23/02/2023
Date completed instructions received	23/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

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Date results requested by 02/03/2023

Date of Issue 27/02/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317226-1	317226-2	317226-3	317226-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		21/02/2023	21/02/2023	21/02/2023	21/02/2023
Date prepared	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date analysed	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Date analysed	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	120	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 22022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/02/2023
Date Printed: 28/02/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 317227

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	4 Filter
Date samples received	23/02/2023
Date completed instructions received	23/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 02/03/2023

Date of Issue 27/02/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317227-1	317227-2	317227-3	317227-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		22/02/2023	22/02/2023	22/02/2023	22/02/2023
Date prepared	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date analysed	-	24/02/2023	24/02/2023	24/02/2023	24/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Date analysed	-			24/02/2023	[NT]	[NT]	[NT]	[NT]	24/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	120	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 23022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/02/2023
Date Printed: 1/03/2023
Sampled By: Nicolas Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nicolas Kuerzinger
 Senior WHS Consultant

Written/Submitted by:



Nicolas Kuerzinger
 Senior WHS Consultant



Envirolab Services Pty Ltd

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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 317421

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Nick Kuerzinger
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781</u>
Number of Samples	4 Filter
Date samples received	27/02/2023
Date completed instructions received	27/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 06/03/2023

Date of Issue 01/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317421-1	317421-2	317421-3	317421-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		23/02/2023	23/02/2023	23/02/2023	23/02/2023
Date prepared	-	28/02/2023	28/02/2023	28/02/2023	28/02/2023
Date analysed	-	28/02/2023	28/02/2023	28/02/2023	28/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-4	[NT]
Date prepared	-			28/02/2023	[NT]	[NT]	[NT]	[NT]	28/02/2023	[NT]
Date analysed	-			28/02/2023	[NT]	[NT]	[NT]	[NT]	28/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	118	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 24022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/02/2023
Date Printed: 1/03/2023
Sampled By: Nicolas Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, NW elevation of site, on fencing	<0.01	mg/m ³
L02	Ext, S elevation of site, on fencing	<0.01	mg/m ³
L03	Ext, E elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nicolas Kuerzinger
Senior WHS Consultant

Written/Submitted by:



Nicolas Kuerzinger
Senior WHS Consultant



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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 317423

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Nick Kuerzinger
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781</u>
Number of Samples	4 Filter
Date samples received	27/02/2023
Date completed instructions received	27/02/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 06/03/2023

Date of Issue 01/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		317423-1	317423-2	317423-3	317423-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		24/02/2023	24/02/2023	24/02/2023	24/02/2023
Date prepared	-	28/02/2023	28/02/2023	28/02/2023	28/02/2023
Date analysed	-	28/02/2023	28/02/2023	28/02/2023	28/02/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			28/02/2023	[NT]	[NT]	[NT]	[NT]	28/02/2023	[NT]
Date analysed	-			28/02/2023	[NT]	[NT]	[NT]	[NT]	28/02/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	115	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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Laboratory Acceptance Criteria

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 27022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/02/2023
Date Printed: 10/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L02	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, NW elevation of work area, on fencing	<0.01	mg/m ³
L04	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

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CERTIFICATE OF ANALYSIS 317823

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/03/2023
Date completed instructions received	03/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	10/03/2023
Date of Issue	07/03/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		317823-1	317823-2	317823-3	317823-4	317823-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		27/02/2023	27/02/2023	27/02/2023	27/02/2023	27/02/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Date analysed	-	07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			06/03/2023	[NT]	[NT]	[NT]	[NT]	06/03/2023	[NT]
Date analysed	-			07/03/2023	[NT]	[NT]	[NT]	[NT]	07/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 28022023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/02/2023
Date Printed: 8/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L02	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, NW elevation of work area, on fencing	<0.01	mg/m ³
L04	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 317822

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/03/2023
Date completed instructions received	03/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 10/03/2023

Date of Issue 07/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		317822-1	317822-2	317822-3	317822-4	317822-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		28/02/2023	28/02/2023	28/02/2023	28/02/2023	28/02/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Date analysed	-	07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			06/03/2023	[NT]	[NT]	[NT]	[NT]	06/03/2023	[NT]
Date analysed	-			07/03/2023	[NT]	[NT]	[NT]	[NT]	07/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	102	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

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Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 01032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 1/03/2023
Date Printed: 8/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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12 Ashley St Chatswood NSW 2067

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CERTIFICATE OF ANALYSIS 317800

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/03/2023
Date completed instructions received	03/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 10/03/2023

Date of Issue 07/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		317800-1	317800-2	317800-3	317800-4	317800-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		01/03/2023	01/03/2023	01/03/2023	01/03/2023	01/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Date analysed	-	06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			06/03/2023	[NT]	[NT]	[NT]	[NT]	06/03/2023	[NT]
Date analysed	-			06/03/2023	[NT]	[NT]	[NT]	[NT]	06/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	114	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
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>	Greater than
RPD	Relative Percent Difference
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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 02032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 2/03/2023
Date Printed: 17/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
WHS Consultant

Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 317975

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	06/03/2023
Date completed instructions received	06/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 13/03/2023

Date of Issue 13/03/2023

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Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		317975-1	317975-2	317975-3	317975-4	317975-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		02/03/2023	02/03/2023	02/03/2023	02/03/2023	02/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Date analysed	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			07/03/2023	[NT]	[NT]	[NT]	[NT]	07/03/2023	[NT]
Date analysed	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	111	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 03032023
Client: Department of Veteran Affairs
Client Address: -
Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 3/03/2023
Date Printed: 17/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 317976

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	06/03/2023
Date completed instructions received	06/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	13/03/2023
Date of Issue	13/03/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
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Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		317976-1	317976-2	317976-3	317976-4	317976-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		03/03/2023	03/03/2023	03/03/2023	03/03/2023	03/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Date analysed	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			07/03/2023	[NT]	[NT]	[NT]	[NT]	07/03/2023	[NT]
Date analysed	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	111	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 06032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 6/03/2023
Date Printed: 14/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 318115

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes Remediation</u>
Number of Samples	4 Filter
Date samples received	08/03/2023
Date completed instructions received	08/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 15/03/2023

Date of Issue 10/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter					
Our Reference		318115-1	318115-2	318115-3	318115-4
Your Reference	UNITS	L01	L02	L03	FB
Date Sampled		06/03/2023	06/03/2023	06/03/2023	06/03/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Date analysed	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Lead	µg/filter	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Date analysed	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	111	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 07032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 7/03/2023
Date Printed: 14/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
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L02	Ext, NW elevation of work area, on window sill	<0.01	mg/m ³
L03	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 318114

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781, DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	08/03/2023
Date completed instructions received	08/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 15/03/2023

Date of Issue 10/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Lead on filter						
Our Reference		318114-1	318114-2	318114-3	318114-4	318114-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Date analysed	-	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Date analysed	-			09/03/2023	[NT]	[NT]	[NT]	[NT]	09/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	109	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 8032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 8/03/2023
Date Printed: 17/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

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customerservice@envirolab.com.au

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CERTIFICATE OF ANALYSIS 318517

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 Greenslopes QLD</u>
Number of Samples	5 Filter
Date samples received	13/03/2023
Date completed instructions received	13/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 20/03/2023

Date of Issue 15/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 Greenslopes QLD

Lead on filter						
Our Reference		318517-1	318517-2	318517-3	318517-4	318517-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		08/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/03/2023	14/03/2023	14/03/2023	14/03/2023	14/03/2023
Date analysed	-	14/03/2023	14/03/2023	14/03/2023	14/03/2023	14/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Greenslopes QLD

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/03/2023	[NT]	[NT]	[NT]	[NT]	14/03/2023	[NT]
Date analysed	-			14/03/2023	[NT]	[NT]	[NT]	[NT]	14/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	110	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 9032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 9/03/2023
Date Printed: 17/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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12 Ashley St Chatswood NSW 2067

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CERTIFICATE OF ANALYSIS 318516

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 Greenslopes QLD</u>
Number of Samples	5 Filter
Date samples received	13/03/2023
Date completed instructions received	13/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 20/03/2023

Date of Issue 15/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 Greenslopes QLD

Lead on filter						
Our Reference		318516-1	318516-2	318516-3	318516-4	318516-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/03/2023	14/03/2023	14/03/2023	14/03/2023	14/03/2023
Date analysed	-	14/03/2023	14/03/2023	14/03/2023	14/03/2023	14/03/2023
Lead	µg/filter	<1	<1	2	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Greenslopes QLD

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/03/2023	[NT]	[NT]	[NT]	[NT]	14/03/2023	[NT]
Date analysed	-			14/03/2023	[NT]	[NT]	[NT]	[NT]	14/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	110	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

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Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 10032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 10/03/2023
Date Printed: 17/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, adjacent decon, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 13032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 13/03/2023
Date Printed: 28/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



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CERTIFICATE OF ANALYSIS 318895

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	17/03/2023
Date completed instructions received	17/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	24/03/2023
Date of Issue	24/03/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		318895-1	318895-2	318895-3	318895-4	318895-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		13/03/2023	13/03/2023	13/03/2023	13/03/2023	13/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Date analysed	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Date analysed	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	104	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 14032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 14/03/2023
Date Printed: 28/03/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 318893

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	17/03/2023
Date completed instructions received	17/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	24/03/2023
Date of Issue	24/03/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		318893-1	318893-2	318893-3	318893-4	318893-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		14/03/2023	14/03/2023	14/03/2023	14/03/2023	14/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Date analysed	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Date analysed	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	104	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 15032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 15/03/2023
Date Printed: 28/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, Beneath work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



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CERTIFICATE OF ANALYSIS 318894

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	17/03/2023
Date completed instructions received	17/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	24/03/2023
Date of Issue	23/03/2023
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Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		318894-1	318894-2	318894-3	318894-4	318894-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		15/03/2023	15/03/2023	15/03/2023	15/03/2023	15/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Date analysed	-	21/03/2023	21/03/2023	21/03/2023	21/03/2023	21/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Date analysed	-			21/03/2023	[NT]	[NT]	[NT]	[NT]	21/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	86	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 16032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 16/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, Beneath work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: 
 Patricy Cortes
 WHS Consultant

Written/Submitted by: 
 Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 319225

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA, Greenslopes Remediation, QLD</u>
Number of Samples	5 Filter
Date samples received	22/03/2023
Date completed instructions received	22/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 29/03/2023

Date of Issue 29/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		319225-1	319225-2	319225-3	319225-4	319225-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		16/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/03/2023	24/03/2023	24/03/2023	24/03/2023	24/03/2023
Date analysed	-	27/03/2023	27/03/2023	27/03/2023	27/03/2023	27/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA, Greenslopes Remediation, QLD

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			24/03/2023	[NT]	[NT]	[NT]	[NT]	24/03/2023	[NT]
Date analysed	-			27/03/2023	[NT]	[NT]	[NT]	[NT]	27/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	120	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
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Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 17032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, Beneath work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:  Written/Submitted by: 

Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 319226

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA, Greenslopes Remediation, QLD</u>
Number of Samples	5 Filter
Date samples received	22/03/2023
Date completed instructions received	22/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 29/03/2023

Date of Issue 29/03/2023

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		319226-1	319226-2	319226-3	319226-4	319226-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Date Sampled		17/03/2023	17/03/2023	17/03/2023	17/03/2023	17/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/03/2023	24/03/2023	24/03/2023	24/03/2023	24/03/2023
Date analysed	-	27/03/2023	27/03/2023	27/03/2023	27/03/2023	27/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA, Greenslopes Remediation, QLD

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/03/2023	[NT]	[NT]	[NT]	[NT]	24/03/2023	[NT]
Date analysed	-			27/03/2023	[NT]	[NT]	[NT]	[NT]	27/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	110	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

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Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 21032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, NE elevation of site, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of site, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, W elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



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CERTIFICATE OF ANALYSIS 319224

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA, Greenslopes Remediation, QLD</u>
Number of Samples	4 Filter
Date samples received	22/03/2023
Date completed instructions received	22/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 29/03/2023

Date of Issue 29/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		319224-1	319224-2	319224-3	319224-4
Your Reference	UNITS	L01	L02	L03	FB
Date Sampled		21/03/2023	21/03/2023	21/03/2023	21/03/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	24/03/2023	24/03/2023	24/03/2023	24/03/2023
Date analysed	-	27/03/2023	27/03/2023	27/03/2023	27/03/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA, Greenslopes Remediation, QLD

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/03/2023	[NT]	[NT]	[NT]	[NT]	24/03/2023	[NT]
Date analysed	-			27/03/2023	[NT]	[NT]	[NT]	[NT]	27/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	110	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

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In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 22032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 22/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, NE elevation of site, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of site, adjacent neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, W elevation of site, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant



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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 319769

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes Remediation</u>
Number of Samples	4 Filter
Date samples received	29/03/2023
Date completed instructions received	29/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	05/04/2023
Date of Issue	31/03/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter					
Our Reference		319769-1	319769-2	319769-3	319769-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		22/03/2023	22/03/2023	22/03/2023	22/03/2023
Date prepared	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Date analysed	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Lead	µg/filter	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Date analysed	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	124	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 23032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 23/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 319771

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	29/03/2023
Date completed instructions received	29/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 05/04/2023

Date of Issue 31/03/2023

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Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		319771-1	319771-2	319771-3	319771-4	319771-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		23/03/2023	23/03/2023	23/03/2023	23/03/2023	23/03/2023
Date prepared	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Date analysed	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Date analysed	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	124	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 24032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 24/03/2023
Date Printed: 3/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 319770

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	29/03/2023
Date completed instructions received	29/03/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 05/04/2023

Date of Issue 31/03/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		319770-1	319770-2	319770-3	319770-4	319770-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		24/03/2023	24/03/2023	24/03/2023	24/03/2023	24/03/2023
Date prepared	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Date analysed	-	30/03/2023	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Date analysed	-			30/03/2023	[NT]	[NT]	[NT]	[NT]	30/03/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 27032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 27/03/2023
Date Printed: 12/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N elevation of work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 320090

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/04/2023
Date completed instructions received	01/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 12/04/2023

Date of Issue 05/04/2023

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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		320090-1	320090-2	320090-3	320090-4	320090-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		27/03/2023	27/03/2023	27/03/2023	27/03/2023	27/03/2023
Date prepared	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Date analysed	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Date analysed	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	84	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
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Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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Laboratory Acceptance Criteria

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 28032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 28/03/2023
Date Printed: 12/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
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L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

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CERTIFICATE OF ANALYSIS 320092

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/04/2023
Date completed instructions received	01/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 12/04/2023

Date of Issue 05/04/2023

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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		320092-1	320092-2	320092-3	320092-4	320092-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		28/03/2023	28/03/2023	28/03/2023	28/03/2023	28/03/2023
Date prepared	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Date analysed	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Date analysed	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 29032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 29/03/2023
Date Printed: 12/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, Below work area, within lunch room, on window sill	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, S elevation of work area, site centre, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



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CERTIFICATE OF ANALYSIS 320091

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/04/2023
Date completed instructions received	01/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/04/2023
Date of Issue	05/04/2023
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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		320091-1	320091-2	320091-3	320091-4	320091-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		29/03/2023	29/03/2023	29/03/2023	29/03/2023	29/03/2023
Date prepared	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Date analysed	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Date analysed	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 30032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 30/03/2023
Date Printed: 12/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, Between work areas, Centre of site, on fire hose	<0.01	mg/m ³
L02	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: Written/Submitted by:




Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

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CERTIFICATE OF ANALYSIS 320089

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/04/2023
Date completed instructions received	01/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 12/04/2023

Date of Issue 05/04/2023

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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		320089-1	320089-2	320089-3	320089-4	320089-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		30/03/2023	30/03/2023	30/03/2023	30/03/2023	30/03/2023
Date prepared	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Date analysed	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Date analysed	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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NEPM	National Environmental Protection Measure
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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Measurement Uncertainty estimates are available for most tests upon request.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 31032023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 31/03/2023
Date Printed: 12/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L02	Ext, N elevation of work area, on fencing	<0.01	mg/m ³
L03	Ext, S elevation of work area, on fencing	<0.01	mg/m ³
L04	Ext, W elevation of work area, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:  Written/Submitted by: 

Patricy Cortes
 WHS Consultant

Patricy Cortes
 WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 320087

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 DVA Greenslopes Remediation
Number of Samples	5 Filter
Date samples received	03/04/2023
Date completed instructions received	01/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 12/04/2023

Date of Issue 05/04/2023

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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Lead on filter						
Our Reference		320087-1	320087-2	320087-3	320087-4	320087-5
Your Reference	UNITS	L01	L02	L03	L04	FB
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		31/03/2023	31/03/2023	31/03/2023	31/03/2023	31/03/2023
Date prepared	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Date analysed	-	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Date analysed	-			04/04/2023	[NT]	[NT]	[NT]	[NT]	04/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	84	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 3/04/2023
Date Printed: 12/04/2023
Sampled By: Stephanie Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230403/L09	Ext, east boundary of site, on scaffolding	<0.02	mg/m ³
20230403/L51	Ext, centre of site, on fire hose reel	<0.02	mg/m ³
20230403/L32	Ext, west boundary of site, on fence	<0.02	mg/m ³
20230403/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Stephanie Hall
Associate WHS Consultant

Written/Submitted by:



Stephanie Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 320363

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veteran Affairs
Number of Samples	4 Filter
Date samples received	05/04/2023
Date completed instructions received	05/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	14/04/2023
Date of Issue	11/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By



Nancy Zhang, Laboratory Manager

Lead on filter					
Our Reference		320363-1	320363-2	320363-3	320363-4
Your Reference	UNITS	20230403/L09	20230403/L59	20230403/L32	20230403/FB
Date Sampled		3/4/23	3/4/23	3/4/23	3/4/23
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	06/04/2023	06/04/2023	06/04/2023	06/04/2023
Date analysed	-	06/04/2023	06/04/2023	06/04/2023	06/04/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			06/04/2023	[NT]	[NT]	[NT]	[NT]	06/04/2023	[NT]
Date analysed	-			06/04/2023	[NT]	[NT]	[NT]	[NT]	06/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	95	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/04/2023
Date Printed: 12/04/2023
Sampled By: Stephanie Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230404/L59	Ext, east boundary of site, on scaffolding	<0.02	mg/m ³
20230404/L46	Ext, centre of site, on fire hose reel	<0.02	mg/m ³
20230404/L60	Ext, west boundary of site, on fence	<0.02	mg/m ³
20230404/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Stephanie Hall
Associate WHS Consultant

Written/Submitted by:



Stephanie Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 320366

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veterans Affairs Greenslop
Number of Samples	4 Filter
Date samples received	05/04/2023
Date completed instructions received	05/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	14/04/2023
Date of Issue	11/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By



Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 Dept of Veterans Affairs Greenslop

Lead on filter					
Our Reference		320366-1	320366-2	320366-3	320366-4
Your Reference	UNITS	20230404/L59	20230404/L46	20230404/L60	20230404/FB
Date Sampled		04/04/2023	04/04/2023	04/04/2023	04/04/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	06/04/2023	06/04/2023	06/04/2023	06/04/2023
Date analysed	-	06/04/2023	06/04/2023	06/04/2023	06/04/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veterans Affairs Greenslop

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			06/04/2023	[NT]	[NT]	[NT]	[NT]	06/04/2023	[NT]
Date analysed	-			06/04/2023	[NT]	[NT]	[NT]	[NT]	06/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 11/04/2023
Date Printed: 24/04/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230411/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230411/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230411/I32	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230411/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230411/I59	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230411/I60/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 12/04/2023
Date Printed: 24/04/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230412/I59	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230412/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230412/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230412/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230412/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230412/I51/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 13/04/2023
Date Printed: 24/04/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230413/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230413/I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230413/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230413/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230413/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230413/I51/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 14/04/2023
Date Printed: 24/04/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230414/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230414/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230414/I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230414/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230414/I32	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230414/I51/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 17042023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 17/04/2023
Date Printed: 28/04/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, N elevation of site, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L02	Int, Centre of Site, Lunch Room, on window sill	<0.01	mg/m ³
L03	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 321307

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781, DVA Greenslopes Remediation
Number of Samples	4 Filter
Date samples received	20/04/2023
Date completed instructions received	20/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	28/04/2023
Date of Issue	27/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By



Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Lead on filter					
Our Reference		321307-1	321307-2	321307-3	321307-4
Your Reference	UNITS	L01	L02	L03	FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		17/04/23	17/04/23	17/04/23	17/04/23
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Lead	µg/filter	<1	<1	<1	<1

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	94	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 18/04/2023
Date Printed: 27/04/2023
Sampled By: Nicolas Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230418/I51	Ext, window edge to breakroom	<0.02	mg/m ³
20230418/I09	Ext, north eastern corner on fence	<0.02	mg/m ³
20230418/I59	Ext, west boundary of site, on fence	<0.02	mg/m ³
20230418/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nicolas Kuerzinger
Senior WHS Consultant

Written/Submitted by:



Nicolas Kuerzinger
Senior WHS Consultant



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

CERTIFICATE OF ANALYSIS 321308

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Nick Kuerzinger
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781, DEPT OF VETERAN AFFAIRS</u>
Number of Samples	4 Filter
Date samples received	20/04/2023
Date completed instructions received	20/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	28/04/2023
Date of Issue	27/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781, DEPT OF VETERAN AFFAIRS

Lead on filter					
Our Reference		321308-1	321308-2	321308-3	321308-4
Your Reference	UNITS	20230418/151	20230418/109	20230418/159	20230418/FB
Type of sample		Filter	Filter	Filter	Filter
Date Sampled		18/04/23	18/04/23	18/04/23	18/04/23
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, DEPT OF VETERAN AFFAIRS

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	94	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 19/04/2023
Date Printed: 27/04/2023
Sampled By: Nicolas Kuerzinge
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230419/I51	Ext, eastern elev fence, adj removal area MHB	<0.01	mg/m ³
20230419/I46	Ext, NE corner fence, adj scaffold removal area	<0.01	mg/m ³
20230419/I60	Ext, centre of site, break room, window ledge	<0.01	mg/m ³
20230419/I09	Ext, SW corner on fence adj removal area MHB	<0.01	mg/m ³
20230429/I59	Ext, NW corner on fence adj scaffold removal area	<0.01	mg/m ³
20230419/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nicolas Kuerzinge
Senior WHS Consultant

Written/Submitted by:



Nicolas Kuerzinge
Senior WHS Consultant

CERTIFICATE OF ANALYSIS 321306

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Nick Kuerzinger
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781, DEPT OF VETERAN AFFAIRS
Number of Samples	6 Filter
Date samples received	20/04/2023
Date completed instructions received	20/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	28/04/2023
Date of Issue	27/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By



Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		321306-1	321306-2	321306-3	321306-4	321306-5
Your Reference	UNITS	20230419/151	20230419/146	20230419/160	20230419/109	20230419/159
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		19/04/23	19/04/23	19/04/23	19/04/23	19/04/23
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		321306-6
Your Reference	UNITS	20230419/fb
Type of sample		Filter
Date Sampled		19/04/23
Date prepared	-	26/04/2023
Date analysed	-	26/04/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, DEPT OF VETERAN AFFAIRS

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	94	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 20042023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 20/04/2023
Date Printed: 26/04/2023
Sampled By: 4-May
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Ext, Centre of Site, Lunch Room, on window sill	<0.01	mg/m ³
L02	Ext, NW Corner of site, adjacent to neighbouring properties and scaffolding, on fencing	<0.01	mg/m ³
L03	Ext. Eastern boundary adjacent removal area of MHB	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Patricy Cortes
 WHS Consultant

CERTIFICATE OF ANALYSIS 321615

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781, DVA Greenslopes Remediation
Number of Samples	4 Filter
Date samples received	24/04/2023
Date completed instructions received	24/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	02/05/2023
Date of Issue	28/04/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By



Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Lead on filter					
Our Reference		321615-1	321615-2	321615-3	321615-4
Your Reference	UNITS	L01	L02	L03	FB
Date Sampled		20/04/2023	20/04/2023	20/04/2023	20/04/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023	27/04/2023
Lead	µg/filter	<1	<1	<1	<1

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, DVA Greenslopes Remediation

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			27/04/2023	[NT]	[NT]	[NT]	[NT]	27/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Lead Dust Air Monitoring 21042023
Client: Department of Veteran Affairs
Client Address: -

Contact: Dave Binny
E-mail: davebinny@dva.com
Date Sampled: 21/04/2023
Date Printed: 4/05/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N of work area, within Lunch Room, on window sill	<0.01	mg/m ³
L02	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext. Eastern boundary adjacent removal area of MHB	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 321614

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781
Number of Samples	4 Filter
Date samples received	24/04/2023
Date completed instructions received	24/04/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 02/05/2023

Date of Issue 28/04/2023

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781

Lead on filter					
Our Reference		321614-1	321614-2	321614-3	321614-4
Your Reference	UNITS	L01	L02	L03	FB
Date Sampled		21/04/2023	21/04/2023	21/04/2023	21/04/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Date analysed	-	27/04/2023	27/04/2023	27/04/2023	27/04/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/04/2023	[NT]	[NT]	[NT]	[NT]	26/04/2023	[NT]
Date analysed	-			27/04/2023	[NT]	[NT]	[NT]	[NT]	27/04/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 27/04/2023
Date Printed: 17/05/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N of work area, within Lunch Room, on window sill	<0.01	mg/m ³
L02	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext. Western elevation of work area- on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Laura Smith
 Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 28/04/2023
Date Printed: 17/05/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L01	Int, N of work area, within Lunch Room, on window sill	<0.01	mg/m ³
L02	Ext, SE elevation of site, adjacent to work area and neighbouring properties, on fencing	<0.01	mg/m ³
L03	Ext. Western elevation of work area- on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
 WHS Consultant

Written/Submitted by:



Laura Smith
 Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 2/05/2023
Date Printed: 17/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230502/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230502/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230502/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230502/I32	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230502/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230502/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 3/05/2023
Date Printed: 17/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230503/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230503/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230503/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230503/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230503/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230503/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/05/2023
Date Printed: 17/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230504/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230504/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230504/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230504/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230504/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230504/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 5/05/2023
Date Printed: 17/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230505/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230505/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230505/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230505/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230505/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230505/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 08052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 8/05/2023
Date Printed: 24/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230508/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230508/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230508/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230508/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230508/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230508/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323192

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veteran Affairs
Number of Samples	6 Filter
Date samples received	16/05/2023
Date completed instructions received	16/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	23/05/2023
Date of Issue	19/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		323192-1	323192-2	323192-3	323192-4	323192-5
Your Reference	UNITS	230508/146	230508/151	230508/109	230508/132	230508/160
Date Sampled		08/05/2023	08/05/2023	08/05/2023	08/05/2023	08/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Date analysed	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323192-6
Your Reference	UNITS	230508/159/FB
Date Sampled		08/05/2023
Type of sample		Filter
Date prepared	-	17/05/2023
Date analysed	-	17/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Date analysed	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 09052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 9/05/2023
Date Printed: 24/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230509/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230509/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230509/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230509/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230509/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230509/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Stephanie Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323186

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veteran Affairs
Number of Samples	6 Filter
Date samples received	16/05/2023
Date completed instructions received	16/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	23/05/2023
Date of Issue	19/05/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		323186-1	323186-2	323186-3	323186-4	323186-5
Your Reference	UNITS	230509/151	230509/109	230509/146	230509/160	230509/132
Date Sampled		09/05/2023	09/05/2023	09/05/2023	09/05/2023	09/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Date analysed	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323186-6
Your Reference	UNITS	230509/159/FB
Date Sampled		09/05/2023
Type of sample		Filter
Date prepared	-	17/05/2023
Date analysed	-	17/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Date analysed	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 10052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 10/05/2023
Date Printed: 24/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230510/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230510/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230510/I32	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230510/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230510/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230510/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323187

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veteran Affairs
Number of Samples	6 Filter
Date samples received	16/05/2023
Date completed instructions received	16/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	23/05/2023
Date of Issue	19/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		323187-1	323187-2	323187-3	323187-4	323187-5
Your Reference	UNITS	230510/109	230510/160	230510/132	230510/146	230510/151
Date Sampled		10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Date analysed	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323187-6
Your Reference	UNITS	230510/159/FB
Date Sampled		10/05/2023
Type of sample		Filter
Date prepared	-	17/05/2023
Date analysed	-	17/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Date analysed	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
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Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 11052023.
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 11/05/2023
Date Printed: 24/05/2023
Sampled By: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230511/I32	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230511/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230511/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230511/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230511/I59/FB	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie (supervised by Laur Steph Hall)
 WHS Consultant

Written/Submitted by:



Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323194

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	16/05/2023
Date completed instructions received	16/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	23/05/2023
Date of Issue	19/05/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781, Dept of Veteran Affairs

Lead on filter						
Our Reference		323194-1	323194-2	323194-3	323194-4	323194-5
Your Reference	UNITS	230511/I32	230511/I60	230511/I51	230511/I09	230511/I46
Date Sampled		11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Date analysed	-	18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323194-6
Your Reference	UNITS	230511/I59/FB
Date Sampled		11/05/2023
Type of sample		Filter
Date prepared	-	17/05/2023
Date analysed	-	18/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Date analysed	-			18/05/2023	[NT]	[NT]	[NT]	[NT]	18/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	94	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 12052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 12.05.2023
Date Printed: 24/05/2023
Sampled By: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230512/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230512/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230512/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230512/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230512/I59/FB	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie (supervised by Laur Steph Hall)
 WHS Consultant

Written/Submitted by:



Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323189

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781 Dept of Veteran Affairs
Number of Samples	6 Filter
Date samples received	16/05/2023
Date completed instructions received	16/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	23/05/2023
Date of Issue	19/05/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		323189-1	323189-2	323189-3	323189-4	323189-5
Your Reference	UNITS	230512/I51	230512/I46	230512/I60	230512/I32	230512/I09
Date Sampled		12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Date analysed	-	18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323189-6
Your Reference	UNITS	230512/I59/FB
Date Sampled		12/05/2023
Type of sample		Filter
Date prepared	-	17/05/2023
Date analysed	-	18/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			17/05/2023	[NT]	[NT]	[NT]	[NT]	17/05/2023	[NT]
Date analysed	-			18/05/2023	[NT]	[NT]	[NT]	[NT]	18/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	95	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 15052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 15/05/2023
Date Printed: 31/05/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230515/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230515/I32	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230515/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230515/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230515/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230515/I59/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323671

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	22/05/2023
Date completed instructions received	22/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	29/05/2023
Date of Issue	26/05/2023
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Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes

Lead on filter						
Our Reference		323671-1	323671-2	323671-3	323671-4	323671-5
Your Reference	UNITS	230515/I51	230515/I32	230515/I60	230515/I09	230515/I46
Date Sampled		15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Date analysed	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323671-6
Your Reference	UNITS	230519/I59/FB
Date Sampled		15/05/2023
Type of sample		Filter
Date prepared	-	24/05/2023
Date analysed	-	24/05/2023
Lead	µg/filter	4

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Date analysed	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	87	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

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Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 LDM 17052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 17.05.2023
Date Printed: 26/05/2023
Sampled By: Todd Hastie (supervised by Laura Smith)
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230517/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230517/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230517/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230517/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230517/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230517/I59/FB	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Written/Submitted by:



Todd Hastie (supervised by Laur: Steph Hall)
 WHS Consultant

Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323676

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	22/05/2023
Date completed instructions received	22/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	29/05/2023
Date of Issue	25/05/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes

Lead on filter						
Our Reference		323676-1	323676-2	323676-3	323676-4	323676-5
Your Reference	UNITS	230517/I46	230517/I09	230517/I51	230517/I60	230517/I32
Date Sampled		17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Date analysed	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323676-6
Your Reference	UNITS	230517/I59/FB
Date Sampled		17/05/2023
Type of sample		Filter
Date prepared	-	24/05/2023
Date analysed	-	24/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Date analysed	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	86	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 18052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 18/05/2023
Date Printed: 31/05/2023
Sampled By: Leo Qu
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230518/160	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230518/109	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230518/132	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230518/151	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230518/146	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230518/159/FB	Field blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Leo Qu
WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323672

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	22/05/2023
Date completed instructions received	22/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	29/05/2023
Date of Issue	25/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes

Lead on filter						
Our Reference		323672-1	323672-2	323672-3	323672-4	323672-5
Your Reference	UNITS	230518/I60	230518/I09	230518/I32	230518/I51	230518/I46
Date Sampled		18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Date analysed	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323672-6
Your Reference	UNITS	230519/I59/FB
Date Sampled		18/05/2023
Type of sample		Filter
Date prepared	-	24/05/2023
Date analysed	-	24/05/2023
Lead	µg/filter	<1

Client Reference: 754-BNEEN282781 DVA Greenslopes

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Date analysed	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	87	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 19052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 19/05/2023
Date Printed: 29/05/2023
Sampled By: Leo Qu
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230519/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230519/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230519/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230519/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230519/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230519/I59	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Leo Qu
WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323670

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	22/05/2023
Date completed instructions received	22/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	29/05/2023
Date of Issue	25/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes

Lead on filter						
Our Reference		323670-1	323670-2	323670-3	323670-4	323670-5
Your Reference	UNITS	230519/160	230519/109	230519/132	230519/151	230519/146
Date Sampled		19/05/2023	19/05/2023	19/05/2023	19/05/2023	19/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Date analysed	-	24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323670-6
Your Reference	UNITS	230519/159/FB
Date Sampled		19/05/2023
Type of sample		Filter
Date prepared	-	24/05/2023
Date analysed	-	24/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Date analysed	-			24/05/2023	[NT]	[NT]	[NT]	[NT]	24/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	90	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 22052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 22/05/2023
Date Printed: 31/05/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230522/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230522/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230522/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230522/I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230522/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230522/-	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
WHS Consultant

Written/Submitted by:



Steph Hall
WHS Consultant

CERTIFICATE OF ANALYSIS 323827

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	23/05/2023
Date completed instructions received	23/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	30/05/2023
Date of Issue	26/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		323827-1	323827-2	323827-3	323827-4	323827-5
Your Reference	UNITS	230522/151	230522/109	230522/160	230522/159	230522/146
Date Sampled		22/05/2023	22/05/2023	22/05/2023	22/05/2023	22/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Date analysed	-	25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323827-6
Your Reference	UNITS	230522/FB
Date Sampled		22/05/2023
Type of sample		Filter
Date prepared	-	25/05/2023
Date analysed	-	25/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			25/05/2023	[NT]	[NT]	[NT]	[NT]	25/05/2023	[NT]
Date analysed	-			25/05/2023	[NT]	[NT]	[NT]	[NT]	25/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	89	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 23052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 23/05/2023
Date Printed: 1/06/2023
Sampled By: Todd Hastie (supervised by Steph Hall)
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230523/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230523/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230523/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230523/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230523/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230523/I59/FB	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie (supervised by Steph Hall)
 WHS Consultant

Written/Submitted by:



Associate WHS Consultant

CERTIFICATE OF ANALYSIS 323965

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	25/05/2023
Date completed instructions received	25/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	01/06/2023
Date of Issue	29/05/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-DVA Greenslopes

Lead on filter						
Our Reference		323965-1	323965-2	323965-3	323965-4	323965-5
Your Reference	UNITS	230523/146	230523/151	230523/132	230523/109	230523/160
Date Sampled		23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	26/05/2023	26/05/2023	26/05/2023	26/05/2023	26/05/2023
Date analysed	-	26/05/2023	26/05/2023	26/05/2023	26/05/2023	26/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		323965-6
Your Reference	UNITS	230523/159/FB
Date Sampled		23/05/2023
Type of sample		Filter
Date prepared	-	26/05/2023
Date analysed	-	26/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/05/2023	[NT]	[NT]	[NT]	[NT]	26/05/2023	[NT]
Date analysed	-			26/05/2023	[NT]	[NT]	[NT]	[NT]	26/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	96	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 24052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 24/05/2023
Date Printed: 1/06/2023
Sampled By: Todd Hastie (supervised by Steph Hall)
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230524/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230524/I32	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230524/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	VOID*	mg/m ³
20230524/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	VOID*	mg/m ³
20230524/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230524/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³. *Samples I60 and I09 were void due to flow rate exceeding +/-10%

Fieldwork by:



Todd Hastie (supervised by Steph Hall)
 WHS Consultant

Written/Submitted by:



Associate WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

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customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 323966

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781 DVA Greenslopes</u>
Number of Samples	4 Filter
Date samples received	25/05/2023
Date completed instructions received	25/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 01/06/2023

Date of Issue 29/05/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781 DVA Greenslopes

Lead on filter					
Our Reference		323966-1	323966-2	323966-3	323966-4
Your Reference	UNITS	230524/I51	230524/I32	230524/I46	230524/I59/FB
Date Sampled		24/05/2023	24/05/2023	24/05/2023	24/05/2023
Type of sample		Filter	Filter	Filter	Filter
Date prepared	-	26/05/2023	26/05/2023	26/05/2023	26/05/2023
Date analysed	-	26/05/2023	26/05/2023	26/05/2023	26/05/2023
Lead	µg/filter	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			26/05/2023	[NT]	[NT]	[NT]	[NT]	26/05/2023	[NT]
Date analysed	-			26/05/2023	[NT]	[NT]	[NT]	[NT]	26/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	96	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 25052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 25/05/2023
Date Printed: 1/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230525/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230525/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230525/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230525/I32	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230525/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230525/i59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:	Written/Submitted by:
	
Steph Hall Associate WHS Consultant	Steph Hall Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324094

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	26/05/2023
Date completed instructions received	26/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	02/06/2023
Date of Issue	30/05/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		324094-1	324094-2	324094-3	324094-4	324094-5
Your Reference	UNITS	230525/151	230525/132	230525/160	230525/146	230525/109
Date Sampled		25/03/2023	25/03/2023	25/03/2023	25/03/2023	25/03/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	29/05/2023	29/05/2023	29/05/2023	29/05/2023	29/05/2023
Date analysed	-	29/05/2023	29/05/2023	29/05/2023	29/05/2023	29/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324094-6
Your Reference	UNITS	230525/159
Date Sampled		25/03/2023
Type of sample		Filter
Date prepared	-	29/05/2023
Date analysed	-	29/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			29/05/2023	[NT]	[NT]	[NT]	[NT]	29/05/2023	[NT]
Date analysed	-			29/05/2023	[NT]	[NT]	[NT]	[NT]	29/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	100	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 26052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 26/05/2023
Date Printed: 2/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230526/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230526/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230526/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230526/I32	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230526/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230526/i59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 324234

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781- DVA Greenslopes 114 Newdegate St</u>
Number of Samples	6 Filter
Date samples received	29/05/2023
Date completed instructions received	29/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 05/06/2023

Date of Issue 01/06/2023

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324234-1	324234-2	324234-3	324234-4	324234-5
Your Reference	UNITS	20230526/i60	20230526/i46	20230526/i51	20230526/i32	20230526/i09
Date Sampled		26/05/23	26/05/23	26/05/23	26/05/23	26/05/23
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Date analysed	-	31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324234-6
Your Reference	UNITS	20230526/i59
Date Sampled		26/05/23
Type of sample		Filter
Date prepared	-	31/05/2023
Date analysed	-	31/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781- DVA Greenslopes 114 Newdegate St

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			31/05/2023	[NT]	[NT]	[NT]	[NT]	31/05/2023	[NT]
Date analysed	-			31/05/2023	[NT]	[NT]	[NT]	[NT]	31/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	98	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 29052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 29/05/2023
Date Printed: 2/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230529/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230529/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230529/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230529/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230529/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230529/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: _____ Written/Submitted by: _____

Steph Hall

Steph Hall

Associate WHS Consultant

Associate WHS Consultant



Envirolab Services Pty Ltd

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CERTIFICATE OF ANALYSIS 324320

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate St, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	30/05/2023
Date completed instructions received	30/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 06/06/2023

Date of Issue 01/06/2023

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324320-1	324320-2	324320-3	324320-4	324320-5
Your Reference	UNITS	20230529/I51	20230529/I60	20230529/I09	20230529/I46	20230529/I32
Date Sampled		29/05/2023	29/05/2023	29/05/2023	29/05/2023	29/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Date analysed	-	31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324320-6
Your Reference	UNITS	20230529/I59
Date Sampled		29/05/2023
Type of sample		Filter
Date prepared	-	31/05/2023
Date analysed	-	31/05/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate St, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			31/05/2023	[NT]	[NT]	[NT]	[NT]	31/05/2023	[NT]
Date analysed	-			31/05/2023	[NT]	[NT]	[NT]	[NT]	31/05/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	79	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 30052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 30/05/2023
Date Printed: 5/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230530/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230530/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230530/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230530/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230530/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230530/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324464

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, 114 Newdegate St, Greenslopes
Number of Samples	6 Filter
Date samples received	31/05/2023
Date completed instructions received	31/05/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	07/06/2023
Date of Issue	02/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324464-1	324464-2	324464-3	324464-4	324464-5
Your Reference	UNITS	20230530/I46	20230530/I51	20230530/I60	20230530/I09	20230530/I32
Type of sample		Filter	Filter	Filter	Filter	Filter
Date Sampled		30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Date prepared	-	01/06/2023	01/06/2023	01/06/2023	01/06/2023	01/06/2023
Date analysed	-	01/06/2023	01/06/2023	01/06/2023	01/06/2023	01/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324464-6
Your Reference	UNITS	20230530/I59
Type of sample		Filter
Date Sampled		30/05/2023
Date prepared	-	01/06/2023
Date analysed	-	01/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate St, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			01/06/2023	[NT]	[NT]	[NT]	[NT]	01/06/2023	[NT]
Date analysed	-			01/06/2023	[NT]	[NT]	[NT]	[NT]	01/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	81	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 31052023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 31/05/2023
Date Printed: 6/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230531/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230531/I32	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230531/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230531/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230531/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230531/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324603

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate Street, Greenslop</u>
Number of Samples	6 Filter
Date samples received	01/06/2023
Date completed instructions received	01/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	08/06/2023
Date of Issue	05/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324603-1	324603-2	324603-3	324603-4	324603-5
Your Reference	UNITS	20230531/I09	20230531/I32	20230531/I51	20230531/I60	20230531/I46
Date Sampled		31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	02/06/2023	02/06/2023	02/06/2023	02/06/2023	02/06/2023
Date analysed	-	02/06/2023	02/06/2023	02/06/2023	02/06/2023	02/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324603-6
Your Reference	UNITS	20230531/I59
Date Sampled		31/05/2023
Type of sample		Filter
Date prepared	-	02/06/2023
Date analysed	-	02/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate Street, Greenslop

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			02/06/2023	[NT]	[NT]	[NT]	[NT]	02/06/2023	[NT]
Date analysed	-			02/06/2023	[NT]	[NT]	[NT]	[NT]	02/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	100	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 01062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 1/06/2023
Date Printed: 7/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230601/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230601/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230601/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230601/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230601/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230601/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324699

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate Street, Greenslop</u>
Number of Samples	6 Filter
Date samples received	02/06/2023
Date completed instructions received	02/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	09/06/2023
Date of Issue	06/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324699-1	324699-2	324699-3	324699-4	324699-5
Your Reference	UNITS	20230601/I46	20230601/I60	20230601/I09	20230601/I51	20230601/I32
Date Sampled		1/06/2023	1/06/2023	1/06/2023	1/06/2023	1/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/06/2023	05/06/2023	05/06/2023	05/06/2023	05/06/2023
Date analysed	-	05/06/2023	05/06/2023	05/06/2023	05/06/2023	05/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324699-6
Your Reference	UNITS	20230601/I59
Date Sampled		1/06/2023
Type of sample		Filter
Date prepared	-	05/06/2023
Date analysed	-	05/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate Street, Greenslop

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			05/06/2023	[NT]	[NT]	[NT]	[NT]	05/06/2023	[NT]
Date analysed	-			05/06/2023	[NT]	[NT]	[NT]	[NT]	05/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	101	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 02062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 2/06/2023
Date Printed: 9/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230602/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230602/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230602/I32	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230602/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230602/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230602/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324804

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate Street, Greenslope</u>
Number of Samples	6 Filter
Date samples received	05/06/2023
Date completed instructions received	05/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	13/06/2023
Date of Issue	08/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324804-1	324804-2	324804-3	324804-4	324804-5
Your Reference	UNITS	20230602/146	20230602/160	20230602/132	20230602/151	20230602/109
Date Sampled		02/06/2023	02/06/2023	02/06/2023	02/06/2023	02/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/06/2023	06/06/2023	06/06/2023	06/06/2023	06/06/2023
Date analysed	-	07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324804-6
Your Reference	UNITS	20230602/159
Date Sampled		02/06/2023
Type of sample		Filter
Date prepared	-	06/06/2023
Date analysed	-	07/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			06/06/2023	[NT]	[NT]	[NT]	[NT]	06/06/2023	[NT]
Date analysed	-			07/06/2023	[NT]	[NT]	[NT]	[NT]	07/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	78	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 05062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 5/06/2023
Date Printed: 8/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230605/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230605/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230605/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230605/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230605/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230605/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 324934

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, 114 Newdegate Street
Number of Samples	6 Filter
Date samples received	06/06/2023
Date completed instructions received	06/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	14/06/2023
Date of Issue	08/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		324934-1	324934-2	324934-3	324934-4	324934-5
Your Reference	UNITS	20230605/146	20230605/160	20230605/109	20230605/151	20230605/132
Date Sampled		05/06/2023	05/06/2023	05/06/2023	05/06/2023	05/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023
Date analysed	-	07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		324934-6
Your Reference	UNITS	20230605/159
Date Sampled		05/06/2023
Type of sample		Filter
Date prepared	-	07/06/2023
Date analysed	-	07/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate Street

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			07/06/2023	[NT]	[NT]	[NT]	[NT]	07/06/2023	[NT]
Date analysed	-			07/06/2023	[NT]	[NT]	[NT]	[NT]	07/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	91	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 06062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 6/06/2023
Date Printed: 13/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230606/I32	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230606/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230606/I51	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230606/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230606/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230606/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 325065

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate Street, Greenslope</u>
Number of Samples	6 Filter
Date samples received	07/06/2023
Date completed instructions received	07/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	15/06/2023
Date of Issue	09/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		325065-1	325065-2	325065-3	325065-4	325065-5
Your Reference	UNITS	20230606/151	20230606/146	20230606/160	20230606/109	20230606/132
Date Sampled		06/06/2023	06/06/2023	06/06/2023	06/06/2023	06/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	08/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023
Date analysed	-	08/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		325065-6
Your Reference	UNITS	20230606/159
Date Sampled		06/06/2023
Type of sample		Filter
Date prepared	-	08/06/2023
Date analysed	-	08/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			08/06/2023	[NT]	[NT]	[NT]	[NT]	08/06/2023	[NT]
Date analysed	-			08/06/2023	[NT]	[NT]	[NT]	[NT]	08/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 07062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 7/06/2023
Date Printed: 16/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230607/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230607/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230607/I60	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230607/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230607/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230607/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 325215

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate St, Greenslope</u>
Number of Samples	6 Filter
Date samples received	08/06/2023
Date completed instructions received	08/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	16/06/2023
Date of Issue	15/06/2023
Reissue Details	This report replaces R00 created on 14/06/2023 due to: sample ID error
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		325215-1	325215-2	325215-3	325215-4	325215-5
Your Reference	UNITS	20230607/I32	20230607/I60	20230607/I51	20230607/I09	20230607/I46
Date Sampled		07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/06/2023	09/06/2023	09/06/2023	09/06/2023	09/06/2023
Date analysed	-	09/06/2023	09/06/2023	09/06/2023	09/06/2023	09/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		325215-6
Your Reference	UNITS	20230607/I59
Date Sampled		07/06/2023
Type of sample		Filter
Date prepared	-	09/06/2023
Date analysed	-	09/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate St, Greenslope

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/06/2023	[NT]	[NT]	[NT]	[NT]	09/06/2023	[NT]
Date analysed	-			09/06/2023	[NT]	[NT]	[NT]	[NT]	09/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	95	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 08062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 8/06/2023
Date Printed: 16/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230608/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230608/I32	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230608/I09	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230608/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230608/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230608/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by: _____ Written/Submitted by: _____

Steph Hall
Associate WHS Consultant

Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 325273

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, 114 Newdegate St, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	09/06/2023
Date completed instructions received	09/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	19/06/2023
Date of Issue	14/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		325273-1	325273-2	325273-3	325273-4	325273-5
Your Reference	UNITS	20230608/151	20230608/132	20230608/109	20230608/146	20230608/160
Date Sampled		8/06/2023	8/06/2023	8/06/2023	8/06/2023	8/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	13/06/2023	13/06/2023	13/06/2023	13/06/2023	13/06/2023
Date analysed	-	13/06/2023	13/06/2023	13/06/2023	13/06/2023	13/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		325273-6
Your Reference	UNITS	20230608/159
Date Sampled		8/06/2023
Type of sample		Filter
Date prepared	-	13/06/2023
Date analysed	-	13/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate St, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			13/06/2023	[NT]	[NT]	[NT]	[NT]	13/06/2023	[NT]
Date analysed	-			13/06/2023	[NT]	[NT]	[NT]	[NT]	13/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	116	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 09062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 9/06/2023
Date Printed: 16/06/2023
Sampled By: Steph Hall
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230609/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230609/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230609/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230609/I32	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230609/I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230609/I59	Field Blank	-	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Steph Hall
Associate WHS Consultant

Written/Submitted by:



Steph Hall
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 325401

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Steph Hall
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, 114 Newdegate St, Greenslopes
Number of Samples	6 Filter
Date samples received	13/06/2023
Date completed instructions received	13/06/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	20/06/2023
Date of Issue	15/06/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Giovanni Agosti, Group Technical Manager

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		325401-1	325401-2	325401-3	325401-4	325401-5
Your Reference	UNITS	20230609/160	20230609/109	20230609/146	20230609/132	20230609/151
Date Sampled		09/06/2023	09/06/2023	09/06/2023	09/06/2023	09/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023
Date analysed	-	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		325401-6
Your Reference	UNITS	20230609/159
Date Sampled		09/06/2023
Type of sample		Filter
Date prepared	-	14/06/2023
Date analysed	-	14/06/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, 114 Newdegate St, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/06/2023	[NT]	[NT]	[NT]	[NT]	14/06/2023	[NT]
Date analysed	-			14/06/2023	[NT]	[NT]	[NT]	[NT]	14/06/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 12/06/2023
Date Printed: 27/06/2023
Sampled By: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230612/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230612/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230612/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230612/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230612/I32	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230612/I59	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nick Kuerzinger
Senior WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 13/06/2023
Date Printed: 27/06/2023
Sampled By: Nick Kuerzinger
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
20230613/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
20230613/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230613/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
20230613/I32	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
20230613/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
20230613/I59	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Nick Kuerzinger
Senior WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 14/06/2023
Date Printed: 27/06/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230614/I46	Int, Centre of site, staff lunch area, on window caging	<0.01	mg/m ³
230614/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230614/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230614/I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230614/I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230614/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 15/06/2023
Date Printed: 27/06/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230615/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230615/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230615/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230615/146	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230615/109	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230615/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 19062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 19/06/2023
Date Printed: 5/07/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230619/I59	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230619/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230619/I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230619/I51	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230619/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230619/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 20062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 20/06/2023
Date Printed: 6/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230620/160	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230620/109	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230620/146	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230620/159	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230620/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230620/FB/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 21062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 21/06/2023
Date Printed: 6/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230621/I59	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230621/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230621/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230621/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230621/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230621/I32/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 22062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 22/06/2023
Date Printed: 6/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230622/151	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230622/160	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230622/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230622/146	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230622/159	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230622/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 23062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 23/06/2023
Date Printed: 5/07/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230623/146	Int, NW corner of site, staff lunch area, on switch box	<0.01	mg/m ³
230623/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230623/151	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230623/109	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230623/160	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230623/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 26062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 26/06/2023
Date Printed: 11/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230626/160	Int, NW corner of work area, staff lunch area, on microwave	<0.01	mg/m ³
230626/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230626/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230626/146	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230626/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230626/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327081

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1</u>
Number of Samples	6 Filter
Date samples received	04/07/2023
Date completed instructions received	04/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	11/07/2023
Date of Issue	06/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327081-1	327081-2	327081-3	327081-4	327081-5
Your Reference	UNITS	230626/160	230626/159	230626/109	230626/146	230626/151
Date Sampled		26/06/2023	26/06/2023	26/06/2023	26/06/2023	26/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Date analysed	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327081-6
Your Reference	UNITS	230626/132/FB
Date Sampled		26/06/2023
Type of sample		Filter
Date prepared	-	05/07/2023
Date analysed	-	05/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Date analysed	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 27062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 27/06/2023
Date Printed: 11/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230627/160	Int, NW corner of work area, staff lunch area, on microwave	<0.01	mg/m ³
230627/149	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230627/159	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230627/109	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230627/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230627/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327084

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	04/07/2023
Date completed instructions received	04/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	11/07/2023
Date of Issue	06/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327084-1	327084-2	327084-3	327084-4	327084-5
Your Reference	UNITS	230627/160	230627/146	230627/159	230627/109	230627/151
Date Sampled		27/06/2023	27/06/2023	27/06/2023	27/06/2023	27/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Date analysed	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327084-6
Your Reference	UNITS	230627/132/FB
Date Sampled		27/06/2023
Type of sample		Filter
Date prepared	-	05/07/2023
Date analysed	-	05/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Date analysed	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 28062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 28/06/2023
Date Printed: 11/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230628/160	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230628/151	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230628/159	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230628/109	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230628/146	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230628/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant



Envirolab Services Pty Ltd

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12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 327089

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	04/07/2023
Date completed instructions received	04/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 11/07/2023

Date of Issue 06/07/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327089-1	327089-2	327089-3	327089-4	327089-5
Your Reference	UNITS	230628/160	230628/151	230628/159	230628/109	230628/146
Date Sampled		28/06/2023	28/06/2023	28/06/2023	28/06/2023	28/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Date analysed	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327089-6
Your Reference	UNITS	230628/132/FB
Date Sampled		28/06/2023
Type of sample		Filter
Date prepared	-	05/07/2023
Date analysed	-	05/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Date analysed	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 29062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 29/06/2023
Date Printed: 11/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230629/146	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230629/160	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230629/151	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230629/159	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230629/109	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230629/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327092

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	04/07/2023
Date completed instructions received	04/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	11/07/2023
Date of Issue	06/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327092-1	327092-2	327092-3	327092-4	327092-5
Your Reference	UNITS	230629/146	230629/160	230629/151	230629/159	230629/109
Date Sampled		29/06/2023	29/06/2023	29/06/2023	29/06/2023	29/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Date analysed	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327092-6
Your Reference	UNITS	230629/132/FB
Date Sampled		29/06/2023
Type of sample		Filter
Date prepared	-	05/07/2023
Date analysed	-	05/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Date analysed	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
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The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

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Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 30062023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 30/06/2023
Date Printed: 11/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230630/146	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230630/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230630/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230630/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230630/160	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230629/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327094

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, Greenslopes Dept of Veteran Aff
Number of Samples	6 Filter
Date samples received	04/07/2023
Date completed instructions received	04/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	11/07/2023
Date of Issue	06/07/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

Lead on filter						
Our Reference		327094-1	327094-2	327094-3	327094-4	327094-5
Your Reference	UNITS	230630/146	230630/159	230630/109	230630/151	230630/160
Date Sampled		30/06/2023	30/06/2023	30/06/2023	30/06/2023	30/06/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Date analysed	-	05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Lead	µg/filter	<1	<1	<1	4	<1

Lead on filter		
Our Reference		327094-6
Your Reference	UNITS	230630/132/FB
Date Sampled		30/06/2023
Type of sample		Filter
Date prepared	-	05/07/2023
Date analysed	-	05/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Date analysed	-			05/07/2023	[NT]	[NT]	[NT]	[NT]	05/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
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Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 03072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 3/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230703/151	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230703/109	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230703/146	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230703/160	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230703/159	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230703/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
Associate WHS Consultant

Written/Submitted by:



Todd Hastie
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327509

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	10/07/2023
Date completed instructions received	10/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/07/2023
Date of Issue	12/07/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327509-1	327509-2	327509-3	327509-4	327509-5
Your Reference	UNITS	230703/I51	230703/I09	230703/I46	230703/I60	230703/I59
Date Sampled		03/07/2023	03/07/2023	03/07/2023	03/07/2023	03/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Date analysed	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327509-6
Your Reference	UNITS	230703/I32/FB
Date Sampled		03/07/2023
Type of sample		Filter
Date prepared	-	11/07/2023
Date analysed	-	11/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-4	[NT]
Date prepared	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Date analysed	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 04072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/07/2023
Date Printed: 24/07/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230704/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230704/I59	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230704/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	*VOID	*VOID
230704/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230704/I51	Int, NW corner of work area, staff lunch area, next to microwave	<0.01	mg/m ³
230704/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.
 *Sample 230704/I46 was void due to exceeding the +/- 10% flow rate variation criteria.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 327510

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, DVA, Greenslopes
Number of Samples	5 Filter
Date samples received	10/07/2023
Date completed instructions received	10/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/07/2023
Date of Issue	18/07/2023
Reissue Details	This report replaces R00 created on 12/07/2023 due to: revised report with sample #5 refilter result reported.

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327510-1	327510-2	327510-3	327510-4	327510-5
Your Reference	UNITS	230704/I09	230704/I59	230704/I60	230704/I51	230704/I32
Date Sampled		04/07/2023	04/07/2023	04/07/2023	04/07/2023	04/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Date analysed	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-5	[NT]
Date prepared	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Date analysed	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 05072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 5/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230705/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230705/160	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230705/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230705/159	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230705/146	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230705/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 327506

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	10/07/2023
Date completed instructions received	10/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/07/2023
Date of Issue	12/07/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		327506-1	327506-2	327506-3	327506-4	327506-5
Your Reference	UNITS	230705/I51	230705/I60	230705/I09	230705/I59	230705/I46
Date Sampled		05/07/2023	05/07/2023	05/07/2023	05/07/2023	05/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Date analysed	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Lead	µg/filter	<1	<1	<1	<1	3

Lead on filter		
Our Reference		327506-6
Your Reference	UNITS	230705/I32/FB
Date Sampled		05/07/2023
Type of sample		Filter
Date prepared	-	11/07/2023
Date analysed	-	11/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Date analysed	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 06072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 6/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230706/146	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230706/151	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	*VOID	*VOID
230706/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230706/159	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230706/109	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230706/132/FB	Field Blank	1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

*Sample 230706/151 was void due to pump location change.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 327507

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Greenslopes Dept of Veteran Aff</u>
Number of Samples	5 Filter
Date samples received	10/07/2023
Date completed instructions received	10/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/07/2023
Date of Issue	17/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

Lead on filter						
Our Reference		327507-1	327507-2	327507-3	327507-4	327507-5
Your Reference	UNITS	230706/146	230706/160	230706/159	230706/109	230706/132/FB
Date Sampled		6/07/2023	6/07/2023	6/07/2023	6/07/2023	6/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Date analysed	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Lead	µg/filter	<1	<1	<1	<1	1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-4	[NT]
Date prepared	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Date analysed	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 07072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 7/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230707/146	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230707/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230707/151	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230707/160	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230707/109	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230707/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 327508

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Greenslopes Dept of Veteran Aff</u>
Number of Samples	6 Filter
Date samples received	10/07/2023
Date completed instructions received	10/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/07/2023
Date of Issue	12/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

Lead on filter						
Our Reference		327508-1	327508-2	327508-3	327508-4	327508-5
Your Reference	UNITS	230707/I46	230707/I59	230707/I51	230707/I60	230707/I09
Date Sampled		7/07/2023	7/07/2023	7/07/2023	7/07/2023	7/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Date analysed	-	11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		327508-6
Your Reference	UNITS	230707/I32/FB
Date Sampled		7/07/2023
Type of sample		Filter
Date prepared	-	11/07/2023
Date analysed	-	11/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Greenslopes Dept of Veteran Aff

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-4	[NT]
Date prepared	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Date analysed	-			11/07/2023	[NT]	[NT]	[NT]	[NT]	11/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 10072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 10/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230710/159	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230710/109	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230710/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230710/146	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230710/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230710/132/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328278

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, DVA, Greenslopes
Number of Samples	6 Filter
Date samples received	18/07/2023
Date completed instructions received	18/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	25/07/2023
Date of Issue	20/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		328278-1	328278-2	328278-3	328278-4	328278-5
Your Reference	UNITS	230710/I59	230710/I09	230710/I60	230710/I46	230710/I51
Date Sampled		10/07/2023	10/07/2023	10/07/2023	10/07/2023	10/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Date analysed	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328278-6
Your Reference	UNITS	230710/I32/FB
Date Sampled		10/07/2023
Type of sample		Filter
Date prepared	-	19/07/2023
Date analysed	-	19/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Date analysed	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 11072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 11/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230711/I09	Int, NW corner of work area, staff lunch area, on switchbox	<0.01	mg/m ³
230711/I59	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230711/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230711/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230711/I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230711/I32/FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328281

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	18/07/2023
Date completed instructions received	18/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	25/07/2023
Date of Issue	20/07/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		328281-1	328281-2	328281-3	328281-4	328281-5
Your Reference	UNITS	230711/I09	230711/I59	230711/I46	230711/I60	230711/I51
Date Sampled		11/07/2023	11/07/2023	11/07/2023	11/07/2023	11/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Date analysed	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328281-6
Your Reference	UNITS	230711/I32/FB
Date Sampled		11/07/2023
Type of sample		Filter
Date prepared	-	19/07/2023
Date analysed	-	19/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Date analysed	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 12072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 12/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230712/159	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230712/160	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230712/146	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230712/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230712/109	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230712/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328277

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	18/07/2023
Date completed instructions received	18/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	25/07/2023
Date of Issue	20/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		328277-1	328277-2	328277-3	328277-4	328277-5
Your Reference	UNITS	230712/I59	230712/I60	230712/I46	230712/I51	230712/I09
Date Sampled		12/07/2023	12/07/2023	12/07/2023	12/07/2023	12/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Date analysed	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328277-6
Your Reference	UNITS	230712/I32
Date Sampled		12/07/2023
Type of sample		Filter
Date prepared	-	19/07/2023
Date analysed	-	19/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Date analysed	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 14072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 14/07/2023
Date Printed: 24/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230714/I51	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230714/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230714/I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230714/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230714/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230714/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328280

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	18/07/2023
Date completed instructions received	18/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	25/07/2023
Date of Issue	20/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		328280-1	328280-2	328280-3	328280-4	328280-5
Your Reference	UNITS	230714/I51	230714/I46	230714/I59	230714/I09	230714/I60
Date Sampled		14/07/2023	14/07/2023	14/07/2023	14/07/2023	14/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Date analysed	-	19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328280-6
Your Reference	UNITS	230714/I32
Date Sampled		14/07/2023
Type of sample		Filter
Date prepared	-	19/07/2023
Date analysed	-	19/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Date analysed	-			19/07/2023	[NT]	[NT]	[NT]	[NT]	19/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 17072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 17/07/2023
Date Printed: 28/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230717/109	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230717/146	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230717/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230717/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230717/159	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230717/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328727

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	24/07/2023
Date completed instructions received	24/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	31/07/2023
Date of Issue	26/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		328727-1	328727-2	328727-3	328727-4	328727-5
Your Reference	UNITS	230717/I09	230717/I46	230717/I60	230717/I51	230717/I59
Date Sampled		17/07/2023	17/07/2023	17/07/2023	17/07/2023	17/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Date analysed	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328727-6
Your Reference	UNITS	230717/I32
Date Sampled		17/07/2023
Type of sample		Filter
Date prepared	-	25/07/2023
Date analysed	-	25/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Date analysed	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 18072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 18/07/2023
Date Printed: 28/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230718/109	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230718/146	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230718/151	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230718/159	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230718/160	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230718/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328726

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	24/07/2023
Date completed instructions received	24/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	31/07/2023
Date of Issue	27/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		328726-1	328726-2	328726-3	328726-4	328726-5
Your Reference	UNITS	230718/109	230718/146	230718/151	230718/159	230718/160
Date Sampled		18/07/2023	18/07/2023	18/07/2023	18/07/2023	18/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Date analysed	-	26/07/2023	26/07/2023	26/07/2023	26/07/2023	26/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328726-6
Your Reference	UNITS	230718/132
Date Sampled		18/07/2023
Type of sample		Filter
Date prepared	-	25/07/2023
Date analysed	-	26/07/2023
Lead	µg/filter	<1

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Date analysed	-			26/07/2023	[NT]	[NT]	[NT]	[NT]	26/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	97	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 19072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 19/07/2023
Date Printed: 28/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230719/I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230719/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230719/I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230719/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230719/I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230719/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328728

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	24/07/2023
Date completed instructions received	24/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	31/07/2023
Date of Issue	26/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		328728-1	328728-2	328728-3	328728-4	328728-5
Your Reference	UNITS	230719/159	230719/160	230719/109	230719/151	230719/146
Date Sampled		19/07/2023	19/07/2023	19/07/2023	19/07/2023	19/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Date analysed	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328728-6
Your Reference	UNITS	230719/132
Date Sampled		19/07/2023
Type of sample		Filter
Date prepared	-	25/07/2023
Date analysed	-	25/07/2023
Lead	µg/filter	<1

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Date analysed	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 20072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 20/07/2023
Date Printed: 28/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230720/I46	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230720/I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230720/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230720/I09	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230720/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230720/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 328724

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	24/07/2023
Date completed instructions received	24/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	31/07/2023
Date of Issue	27/07/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		328724-1	328724-2	328724-3	328724-4	328724-5
Your Reference	UNITS	230720/146	230720/159	230720/151	230720/109	230720/160
Date Sampled		20/07/2023	20/07/2023	20/07/2023	20/07/2023	20/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Date analysed	-	26/07/2023	26/07/2023	26/07/2023	26/07/2023	26/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328724-6
Your Reference	UNITS	230720/132
Date Sampled		20/07/2023
Type of sample		Filter
Date prepared	-	25/07/2023
Date analysed	-	26/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Date analysed	-			26/07/2023	[NT]	[NT]	[NT]	[NT]	26/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	97	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 21072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 21/07/2023
Date Printed: 28/07/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230721/I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230721/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230721/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230721/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230721/I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230721/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 328722

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	24/07/2023
Date completed instructions received	24/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 31/07/2023

Date of Issue 27/07/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		328722-1	328722-2	328722-3	328722-4	328722-5
Your Reference	UNITS	230721/I59	230721/I09	230721/I46	230721/I60	230721/I51
Date Sampled		21/07/2023	21/07/2023	21/07/2023	21/07/2023	21/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	25/07/2023	25/07/2023	25/07/2023	25/07/2023	25/07/2023
Date analysed	-	26/07/2023	26/07/2023	26/07/2023	26/07/2023	26/07/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		328722-6
Your Reference	UNITS	230721/I32
Date Sampled		21/07/2023
Type of sample		Filter
Date prepared	-	25/07/2023
Date analysed	-	26/07/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			25/07/2023	[NT]	[NT]	[NT]	[NT]	25/07/2023	[NT]
Date analysed	-			26/07/2023	[NT]	[NT]	[NT]	[NT]	26/07/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	97	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 24072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 24/07/2023
Date Printed: 8/08/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230724/109	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230724/146	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230724/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230724/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230724/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230724/132	Field Blank	1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 329265

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	31/07/2023
Date completed instructions received	31/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	07/08/2023
Date of Issue	03/08/2023
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Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		329265-1	329265-2	329265-3	329265-4	329265-5
Your Reference	UNITS	230724/I09	230724/I46	230724/I59	230724/I60	230724/I51
Date Sampled		24/07/2023	24/07/2023	24/07/2023	24/07/2023	24/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Date analysed	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Lead	µg/filter	<1	<1	<1	<1	1

Lead on filter		
Our Reference		329265-6
Your Reference	UNITS	230724/I32
Date Sampled		24/07/2023
Type of sample		Filter
Date prepared	-	01/08/2023
Date analysed	-	01/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Date analysed	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	93	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 25072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 25/07/2023
Date Printed: 8/08/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230725/146	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230725/159	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230725/151	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230725/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230725/109	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230725/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 329262

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781-1, DVA, Greenslopes
Number of Samples	6 Filter
Date samples received	31/07/2023
Date completed instructions received	31/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	07/08/2023
Date of Issue	02/08/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		329262-1	329262-2	329262-3	329262-4	329262-5
Your Reference	UNITS	230725/146	230725/159	230725/151	230725/160	230725/109
Date Sampled		25/07/23	25/07/23	25/07/23	25/07/23	25/07/23
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Date analysed	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329262-6
Your Reference	UNITS	230725/132
Date Sampled		25/07/23
Type of sample		Filter
Date prepared	-	01/08/2023
Date analysed	-	01/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Date analysed	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 26072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 26/07/2023
Date Printed: 8/08/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230726/160	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230726/146	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230726/159	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230726/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230726/151	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230726/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD

CERTIFICATE OF ANALYSIS 329264

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	31/07/2023
Date completed instructions received	31/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	07/08/2023
Date of Issue	02/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		329264-1	329264-2	329264-3	329264-4	329264-5
Your Reference	UNITS	230726/160	230726/146	230726/159	230726/109	230726/151
Date Sampled		26/07/2023	26/07/2023	26/07/2023	26/07/2023	26/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Date analysed	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329264-6
Your Reference	UNITS	230726/132
Date Sampled		26/07/2023
Type of sample		Filter
Date prepared	-	01/08/2023
Date analysed	-	01/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Date analysed	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 27072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 27/07/2023
Date Printed: 8/08/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230727/146	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230727/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230727/109	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230727/160	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230727/159	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230727/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD



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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 329258

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	31/07/2023
Date completed instructions received	31/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	07/08/2023
Date of Issue	02/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		329258-1	329258-2	329258-3	329258-4	329258-5
Your Reference	UNITS	230727/146	230727/151	230727/109	230727/160	230727/159
Date Sampled		27/07/2023	27/07/2023	27/07/2023	27/07/2023	27/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Date analysed	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329258-6
Your Reference	UNITS	230727/132
Date Sampled		27/07/2023
Type of sample		Filter
Date prepared	-	01/08/2023
Date analysed	-	01/08/2023
Lead	µg/filter	<1

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Date analysed	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	93	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 28072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 28/07/2023
Date Printed: 8/08/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230728/160	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230728/151	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230728/146	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230728/109	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230728/159	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230728/132	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Todd Hastie
WHS Team Leader QLD



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CERTIFICATE OF ANALYSIS 329263

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	31/07/2023
Date completed instructions received	31/07/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 07/08/2023

Date of Issue 02/08/2023

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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		329263-1	329263-2	329263-3	329263-4	329263-5
Your Reference	UNITS	230728/160	230728/151	230728/146	230728/109	230728/159
Date Sampled		28/07/2023	28/07/2023	28/07/2023	28/07/2023	28/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Date analysed	-	01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329263-6
Your Reference	UNITS	230728/132
Date Sampled		28/07/2023
Type of sample		Filter
Date prepared	-	01/08/2023
Date analysed	-	01/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Date analysed	-			01/08/2023	[NT]	[NT]	[NT]	[NT]	01/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	93	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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Laboratory Acceptance Criteria

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 31072023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 31/07/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230731/I46	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230731/I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230731/I60	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230731/I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230731/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230731/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 329904

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	08/08/2023
Date completed instructions received	08/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	15/08/2023
Date of Issue	14/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Diana Korniewicz, Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		329904-1	329904-2	329904-3	329904-4	329904-5
Your Reference	UNITS	230731/I46	230731/I59	230731/I60	230731/I51	230731/I09
Date Sampled		31/07/2023	31/07/2023	31/07/2023	31/07/2023	31/07/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Date analysed	-	10/08/2023	10/08/2023	10/08/2023	10/08/2023	10/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329904-6
Your Reference	UNITS	230731/I32
Date Sampled		31/07/2023
Type of sample		Filter
Date prepared	-	09/08/2023
Date analysed	-	10/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Date analysed	-			10/08/2023	[NT]	[NT]	[NT]	[NT]	10/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	109	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 01082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 1/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230801/I09	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230801/I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230801/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230801/I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230801/I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230801/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 329905

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	08/08/2023
Date completed instructions received	08/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	15/08/2023
Date of Issue	10/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		329905-1	329905-2	329905-3	329905-4	329905-5
Your Reference	UNITS	230801/I09	230801/I59	230801/I51	230801/I46	230801/I60
Date Sampled		01/08/2023	01/08/2023	01/08/2023	01/08/2023	01/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Date analysed	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329905-6
Your Reference	UNITS	230801/I32
Date Sampled		01/08/2023
Type of sample		Filter
Date prepared	-	09/08/2023
Date analysed	-	09/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Date analysed	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	119	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 02082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 2/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230802/I46	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230802/I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230802/I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230802/I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230802/I59	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230802/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 329908

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	08/08/2023
Date completed instructions received	08/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	15/08/2023
Date of Issue	10/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		329908-1	329908-2	329908-3	329908-4	329908-5
Your Reference	UNITS	230802/146	230802/109	230802/151	230802/160	230802/159
Date Sampled		02/08/2023	02/08/2023	02/08/2023	02/08/2023	02/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Date analysed	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329908-6
Your Reference	UNITS	230802/132
Date Sampled		02/08/2023
Type of sample		Filter
Date prepared	-	09/08/2023
Date analysed	-	09/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Date analysed	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	119	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
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The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 03082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 3/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
230803/I51	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
230803/I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230803/I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
230803/I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
230803/I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
230803/I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 329907

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	08/08/2023
Date completed instructions received	08/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	15/08/2023
Date of Issue	10/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		329907-1	329907-2	329907-3	329907-4	329907-5
Your Reference	UNITS	230803/151	230803/160	230803/146	230803/159	230803/109
Date Sampled		03/08/2023	03/08/2023	03/08/2023	03/08/2023	03/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Date analysed	-	09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		329907-6
Your Reference	UNITS	230803/132
Date Sampled		03/08/2023
Type of sample		Filter
Date prepared	-	09/08/2023
Date analysed	-	09/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Date analysed	-			09/08/2023	[NT]	[NT]	[NT]	[NT]	09/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	119	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 02082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 330391

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	14/08/2023
Date completed instructions received	14/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	21/08/2023
Date of Issue	21/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		330391-1	330391-2	330391-3	330391-4	330391-5
Your Reference	UNITS	I59	I09	I51	I60	I46
Date Sampled		04/08/2023	04/08/2023	04/08/2023	04/08/2023	04/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Date analysed	-	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		330391-6
Your Reference	UNITS	I32
Date Sampled		04/08/2023
Type of sample		Filter
Date prepared	-	16/08/2023
Date analysed	-	17/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			16/08/2023	[NT]	[NT]	[NT]	[NT]	16/08/2023	[NT]
Date analysed	-			17/08/2023	[NT]	[NT]	[NT]	[NT]	17/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 08082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 8/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I60	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 330416

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	14/08/2023
Date completed instructions received	14/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	21/08/2023
Date of Issue	21/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		330416-1	330416-2	330416-3	330416-4	330416-5
Your Reference	UNITS	I60	I09	I51	159	I46
Date Sampled		08/08/2023	08/08/2023	08/08/2023	08/08/2023	08/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Date analysed	-	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		330416-6
Your Reference	UNITS	I32
Date Sampled		08/08/2023
Type of sample		Filter
Date prepared	-	16/08/2023
Date analysed	-	17/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			16/08/2023	[NT]	[NT]	[NT]	[NT]	16/08/2023	[NT]
Date analysed	-			17/08/2023	[NT]	[NT]	[NT]	[NT]	17/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 09082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 9/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I09	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 330372

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	14/08/2023
Date completed instructions received	14/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	21/08/2023
Date of Issue	21/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		330372-1	330372-2	330372-3	330372-4	330372-5
Your Reference	UNITS	I09	I46	I51	I59	I60
Date Sampled		09/08/2023	09/08/2023	09/08/2023	09/08/2023	09/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Date analysed	-	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		330372-6
Your Reference	UNITS	I32
Date Sampled		09/08/2023
Type of sample		Filter
Date prepared	-	16/08/2023
Date analysed	-	17/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			16/08/2023	[NT]	[NT]	[NT]	[NT]	16/08/2023	[NT]
Date analysed	-			17/08/2023	[NT]	[NT]	[NT]	[NT]	17/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 10082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 10/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I46	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 330371

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	14/08/2023
Date completed instructions received	14/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	21/08/2023
Date of Issue	18/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		330371-1	330371-2	330371-3	330371-4	330371-5
Your Reference	UNITS	I59	I09	I51	I60	I46
Date Sampled		10/08/2023	10/08/2023	10/08/2023	10/08/2023	10/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Date analysed	-	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		330371-6
Your Reference	UNITS	I32
Date Sampled		10/08/2023
Type of sample		Filter
Date prepared	-	16/08/2023
Date analysed	-	17/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			16/08/2023	[NT]	[NT]	[NT]	[NT]	16/08/2023	[NT]
Date analysed	-			17/08/2023	[NT]	[NT]	[NT]	[NT]	17/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1 Greenslopes LDM 11082023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 11/08/2023
Date Printed: 18/09/2023
Sampled By: Todd Hastie
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I51	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I09	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Todd Hastie
WHS Team Leader QLD

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 330420

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Todd Hastie
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	14/08/2023
Date completed instructions received	14/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	21/08/2023
Date of Issue	21/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		330420-1	330420-2	330420-3	330420-4	330420-5
Your Reference	UNITS	I59	I51	I46	I60	I09
Date Sampled		11/08/2023	11/08/2023	11/08/2023	11/08/2023	11/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	16/08/2023	16/08/2023	16/08/2023	16/08/2023	16/08/2023
Date analysed	-	17/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		330420-6
Your Reference	UNITS	I32
Date Sampled		11/08/2023
Type of sample		Filter
Date prepared	-	16/08/2023
Date analysed	-	17/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			16/08/2023	[NT]	[NT]	[NT]	[NT]	16/08/2023	[NT]
Date analysed	-			17/08/2023	[NT]	[NT]	[NT]	[NT]	17/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 22/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I59	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 331516

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	28/08/2023
Date completed instructions received	28/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	04/09/2023
Date of Issue	31/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		331516-1	331516-2	331516-3	331516-4	331516-5
Your Reference	UNITS	I46	I09	I60	I51	I59
Date Sampled		22/08/2023	22/08/2023	22/08/2023	22/08/2023	22/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Date analysed	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		331516-6
Your Reference	UNITS	I32
Date Sampled		22/08/2023
Type of sample		Filter
Date prepared	-	30/08/2023
Date analysed	-	30/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Date analysed	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 23/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I60	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I59	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I51	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 331517

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	28/08/2023
Date completed instructions received	28/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	04/09/2023
Date of Issue	31/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		331517-1	331517-2	331517-3	331517-4	331517-5
Your Reference	UNITS	I60	I09	I46	I59	I51
Date Sampled		23/08/2023	23/08/2023	23/08/2023	23/08/2023	23/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Date analysed	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		331517-6
Your Reference	UNITS	I32
Date Sampled		23/08/2023
Type of sample		Filter
Date prepared	-	30/08/2023
Date analysed	-	30/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Date analysed	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 24/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I46	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I09	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 331518

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	28/08/2023
Date completed instructions received	28/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	04/09/2023
Date of Issue	31/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		331518-1	331518-2	331518-3	331518-4	331518-5
Your Reference	UNITS	I46	I59	I60	I51	I09
Date Sampled		24/08/2023	24/08/2023	24/08/2023	24/08/2023	24/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Date analysed	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		331518-6
Your Reference	UNITS	I32
Date Sampled		24/08/2023
Type of sample		Filter
Date prepared	-	30/08/2023
Date analysed	-	30/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Date analysed	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	109	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 25/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I09	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I51	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I60	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 331512

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	28/08/2023
Date completed instructions received	28/08/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	04/09/2023
Date of Issue	31/08/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		331512-1	331512-2	331512-3	331512-4	331512-5
Your Reference	UNITS	I09	I46	I59	I51	I60
Date Sampled		25/08/2023	25/08/2023	25/08/2023	25/08/2023	25/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Date analysed	-	30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		331512-6
Your Reference	UNITS	I32
Date Sampled		25/08/2023
Type of sample		Filter
Date prepared	-	30/08/2023
Date analysed	-	30/08/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Date analysed	-			30/08/2023	[NT]	[NT]	[NT]	[NT]	30/08/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	103	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 28/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, E elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I60	Ext, W elevation of work area, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I46	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 332201

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	05/09/2023
Date completed instructions received	05/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/09/2023
Date of Issue	06/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		332201-1	332201-2	332201-3	332201-4	332201-5
Your Reference	UNITS	I59	I09	I51	I60	I46
Date Sampled		28/08/2023	28/08/2023	28/08/2023	28/08/2023	28/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Date analysed	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332201-6
Your Reference	UNITS	I32
Date Sampled		28/08/2023
Type of sample		Filter
Date prepared	-	06/09/2023
Date analysed	-	06/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Date analysed	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	111	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 29/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I46	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, SE elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, NE elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, SW elevation site boundary, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I60	Ext, NW elevation site boundary, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 332202

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	05/09/2023
Date completed instructions received	05/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/09/2023
Date of Issue	06/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		332202-1	332202-2	332202-3	332202-4	332202-5
Your Reference	UNITS	146	109	159	151	160
Date Sampled		29/08/2023	29/08/2023	29/08/2023	29/08/2023	29/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Date analysed	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332202-6
Your Reference	UNITS	132
Date Sampled		29/08/2023
Type of sample		Filter
Date prepared	-	06/09/2023
Date analysed	-	06/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Date analysed	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 30/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I60	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I46	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I51	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 332207

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	05/09/2023
Date completed instructions received	05/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/09/2023
Date of Issue	06/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		332207-1	332207-2	332207-3	332207-4	332207-5
Your Reference	UNITS	I60	I46	I51	I59	I09
Date Sampled		30/08/2023	30/08/2023	30/08/2023	30/08/2023	30/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Date analysed	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332207-6
Your Reference	UNITS	I32
Date Sampled		30/08/2023
Type of sample		Filter
Date prepared	-	06/09/2023
Date analysed	-	06/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Date analysed	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
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Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 31/08/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I51	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I60	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 332196

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	05/09/2023
Date completed instructions received	05/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/09/2023
Date of Issue	06/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		332196-1	332196-2	332196-3	332196-4	332196-5
Your Reference	UNITS	I51	I09	I60	I59	I46
Date Sampled		31/08/2023	31/08/2023	31/08/2023	31/08/2023	31/08/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Date analysed	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332196-6
Your Reference	UNITS	I32
Date Sampled		31/08/2023
Type of sample		Filter
Date prepared	-	06/09/2023
Date analysed	-	06/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Date analysed	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	111	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781-1
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001
Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 1/09/2023
Date Printed: 18/09/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I60	Int, NW corner of site, lunch room, on switchbox	<0.01	mg/m ³
I09	Ext, W elevation site boundary, adjacent to Newdegate St, on fencing	<0.01	mg/m ³
I51	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation site boundary, adjacent to Headfort St, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Laura Smith
Associate WHS Consultant

CERTIFICATE OF ANALYSIS 332197

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	05/09/2023
Date completed instructions received	05/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	12/09/2023
Date of Issue	06/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		332197-1	332197-2	332197-3	332197-4	332197-5
Your Reference	UNITS	I60	I09	I51	I46	I59
Date Sampled		01/09/2023	01/09/2023	01/09/2023	01/09/2023	01/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Date analysed	-	06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332197-6
Your Reference	UNITS	I32
Date Sampled		01/09/2023
Type of sample		Filter
Date prepared	-	06/09/2023
Date analysed	-	06/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-3	[NT]
Date prepared	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Date analysed	-			06/09/2023	[NT]	[NT]	[NT]	[NT]	06/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	107	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 04092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/09/2023
Date Printed: 28/09/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 332682

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Patricy Cortes
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781.1 - DVA, Greenslopes
Number of Samples	6 Filter
Date samples received	11/09/2023
Date completed instructions received	11/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	18/09/2023
Date of Issue	15/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		332682-1	332682-2	332682-3	332682-4	332682-5
Your Reference	UNITS	L001	L002	L003	L004	L005
Date Sampled		04/09/2023	04/09/2023	04/09/2023	04/09/2023	04/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Date analysed	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332682-6
Your Reference	UNITS	FB
Date Sampled		04/09/2023
Type of sample		Filter
Date prepared	-	14/09/2023
Date analysed	-	14/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781.1 - DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Date analysed	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 05092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 5/09/2023
Date Printed: 28/09/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 332675

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781.1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	11/09/2023
Date completed instructions received	11/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	18/09/2023
Date of Issue	15/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		332675-1	332675-2	332675-3	332675-4	332675-5
Your Reference	UNITS	L001	L002	L003	L004	L005
Date Sampled		05/09/2023	05/09/2023	05/09/2023	05/09/2023	05/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Date analysed	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332675-6
Your Reference	UNITS	FB
Date Sampled		05/09/2023
Type of sample		Filter
Date prepared	-	14/09/2023
Date analysed	-	14/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781.1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Date analysed	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	115	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 06092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 6/09/2023
Date Printed: 28/09/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 332684

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781.1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	11/09/2023
Date completed instructions received	11/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	18/09/2023
Date of Issue	15/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		332684-1	332684-2	332684-3	332684-4	332684-5
Your Reference	UNITS	L001	L002	L003	L004	L005
Date Sampled		06/09/2023	06/09/2023	06/09/2023	06/09/2023	06/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Date analysed	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332684-6
Your Reference	UNITS	FB
Date Sampled		06/09/2023
Type of sample		Filter
Date prepared	-	14/09/2023
Date analysed	-	14/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781.1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Date analysed	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	115	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

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Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 07092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 7/09/2023
Date Printed: 28/09/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 332683

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	754-BNEEN282781.1 - DVA, Greenslopes
Number of Samples	6 Filter
Date samples received	11/09/2023
Date completed instructions received	11/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	18/09/2023
Date of Issue	18/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By
 Diana Korniewicz, Chemist

Authorised By
 Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		332683-1	332683-2	332683-3	332683-4	332683-5
Your Reference	UNITS	L001	L002	L003	L004	L005
Date Sampled		07/09/2023	07/09/2023	07/09/2023	07/09/2023	07/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Date analysed	-	15/09/2023	15/09/2023	15/09/2023	15/09/2023	15/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332683-6
Your Reference	UNITS	FB
Date Sampled		07/09/2023
Type of sample		Filter
Date prepared	-	14/09/2023
Date analysed	-	15/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781.1 - DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Date analysed	-			15/09/2023	[NT]	[NT]	[NT]	[NT]	15/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	102	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
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Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
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Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 08092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 8/09/2023
Date Printed: 28/09/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 332676

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781.1, DVA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	11/09/2023
Date completed instructions received	11/09/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	18/09/2023
Date of Issue	15/09/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		332676-1	332676-2	332676-3	332676-4	332676-5
Your Reference	UNITS	L001	L002	L003	L004	L005
Date Sampled		08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Date analysed	-	14/09/2023	14/09/2023	14/09/2023	14/09/2023	14/09/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		332676-6
Your Reference	UNITS	FB
Date Sampled		08/09/2023
Type of sample		Filter
Date prepared	-	14/09/2023
Date analysed	-	14/09/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781.1, DVA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Date analysed	-			14/09/2023	[NT]	[NT]	[NT]	[NT]	14/09/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	115	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 11092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 11/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 12092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 12/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 13092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 13/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 14092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 14/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 15092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 15/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 18092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 18/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 19092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 19/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 20092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 20/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 21092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 21/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 22092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 22/09/2023
Date Printed: 17/10/2023
Sampled By: Patricy Cortes
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
L001	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
L002	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L003	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
L004	Ext, N elevation of work area, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
L005	Ext, S elevation of work area, adjacent to Headfort St, on fencing	<0.01	mg/m ³
FB	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Patricy Cortes
WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 25092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 25/09/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I09	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I46	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I51	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I60	Ext, SW elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334413

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	03/10/2023
Date completed instructions received	03/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	10/10/2023
Date of Issue	09/10/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		334413-1	334413-2	334413-3	334413-4	334413-5
Your Reference	UNITS	I09	I46	I51	I59	I60
Date Sampled		25/09/2023	25/09/2023	25/09/2023	25/09/2023	25/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	04/10/2023	04/10/2023	04/10/2023	04/10/2023	04/10/2023
Date analysed	-	05/10/2023	05/10/2023	05/10/2023	05/10/2023	05/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334413-6
Your Reference	UNITS	I32
Date Sampled		25/09/2023
Type of sample		Filter
Date prepared	-	04/10/2023
Date analysed	-	05/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			04/10/2023	[NT]	[NT]	[NT]	[NT]	04/10/2023	[NT]
Date analysed	-			05/10/2023	[NT]	[NT]	[NT]	[NT]	05/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 26092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 26/09/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I60	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I59	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I51	Ext, SW elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334439

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	03/10/2023
Date completed instructions received	03/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	10/10/2023
Date of Issue	09/10/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		334439-1	334439-2	334439-3	334439-4	334439-5
Your Reference	UNITS	I60	I59	I46	I09	I51
Date Sampled		26/09/2023	26/09/2023	26/09/2023	26/09/2023	26/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/10/2023	06/10/2023	06/10/2023	06/10/2023	06/10/2023
Date analysed	-	06/10/2023	06/10/2023	06/10/2023	06/10/2023	06/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334439-6
Your Reference	UNITS	I32
Date Sampled		26/09/2023
Type of sample		Filter
Date prepared	-	06/10/2023
Date analysed	-	06/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			06/10/2023	[NT]	[NT]	[NT]	[NT]	06/10/2023	[NT]
Date analysed	-			06/10/2023	[NT]	[NT]	[NT]	[NT]	06/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

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Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

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Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

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Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 27092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 27/09/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I46	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I51	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334414

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	03/10/2023
Date completed instructions received	03/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	10/10/2023
Date of Issue	09/10/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		334414-1	334414-2	334414-3	334414-4	334414-5
Your Reference	UNITS	I59	I46	I09	I60	I51
Date Sampled		27/09/2023	27/09/2023	27/09/2023	27/09/2023	27/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	04/10/2023	04/10/2023	04/10/2023	04/10/2023	04/10/2023
Date analysed	-	05/10/2023	05/10/2023	05/10/2023	05/10/2023	05/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334414-6
Your Reference	UNITS	I32
Date Sampled		27/09/2023
Type of sample		Filter
Date prepared	-	04/10/2023
Date analysed	-	05/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			04/10/2023	[NT]	[NT]	[NT]	[NT]	04/10/2023	[NT]
Date analysed	-			05/10/2023	[NT]	[NT]	[NT]	[NT]	05/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
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RPD	Relative Percent Difference
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Laboratory Acceptance Criteria

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Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

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Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 28092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 28/09/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I51	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I60	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I46	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334447

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	03/10/2023
Date completed instructions received	03/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

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Date of Issue	09/10/2023
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Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		334447-1	334447-2	334447-3	334447-4	334447-5
Your Reference	UNITS	I51	I60	I59	I09	I46
Date Sampled		28/09/2023	28/09/2023	28/09/2023	28/09/2023	28/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	06/10/2023	06/10/2023	06/10/2023	06/10/2023	06/10/2023
Date analysed	-	06/10/2023	06/10/2023	06/10/2023	06/10/2023	06/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334447-6
Your Reference	UNITS	I32
Date Sampled		28/09/2023
Type of sample		Filter
Date prepared	-	06/10/2023
Date analysed	-	06/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			06/10/2023	[NT]	[NT]	[NT]	[NT]	06/10/2023	[NT]
Date analysed	-			06/10/2023	[NT]	[NT]	[NT]	[NT]	06/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 29092023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 29/09/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I59	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I60	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I51	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334415

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dept of Veteran Affairs</u>
Number of Samples	6 Filter
Date samples received	03/10/2023
Date completed instructions received	03/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	10/10/2023
Date of Issue	09/10/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Loren Bardwell, Development Chemist

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

Lead on filter						
Our Reference		334415-1	334415-2	334415-3	334415-4	334415-5
Your Reference	UNITS	I59	I60	I46	I09	I51
Date Sampled		29/09/2023	29/09/2023	29/09/2023	29/09/2023	29/09/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	04/10/2023	04/10/2023	04/10/2023	04/10/2023	04/10/2023
Date analysed	-	05/10/2023	05/10/2023	05/10/2023	05/10/2023	05/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334415-6
Your Reference	UNITS	I32
Date Sampled		29/09/2023
Type of sample		Filter
Date prepared	-	04/10/2023
Date analysed	-	05/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dept of Veteran Affairs

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			04/10/2023	[NT]	[NT]	[NT]	[NT]	04/10/2023	[NT]
Date analysed	-			05/10/2023	[NT]	[NT]	[NT]	[NT]	05/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	106	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 03102023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 3/10/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I09	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I59	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I46	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I51	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

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12 Ashley St Chatswood NSW 2067

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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 334997

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	10/10/2023
Date completed instructions received	10/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 17/10/2023

Date of Issue 13/10/2023

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Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		334997-1	334997-2	334997-3	334997-4	334997-5
Your Reference	UNITS	I09	I59	I60	I46	I51
Date Sampled		03/10/2023	03/10/2023	03/10/2023	03/10/2023	03/10/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/10/2023	11/10/2023	11/10/2023	11/10/2023	11/10/2023
Date analysed	-	12/10/2023	12/10/2023	12/10/2023	12/10/2023	12/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334997-6
Your Reference	UNITS	I32
Date Sampled		03/10/2023
Type of sample		Filter
Date prepared	-	11/10/2023
Date analysed	-	12/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			11/10/2023	[NT]	[NT]	[NT]	[NT]	11/10/2023	[NT]
Date analysed	-			12/10/2023	[NT]	[NT]	[NT]	[NT]	12/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	102	[NT]

Result Definitions	
NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 04102023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 4/10/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I51	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I46	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I09	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I60	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant

CERTIFICATE OF ANALYSIS 334998

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1 DVA Greenslopes</u>
Number of Samples	6 Filter
Date samples received	10/10/2023
Date completed instructions received	10/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
 Samples were analysed as received from the client. Results relate specifically to the samples as received.
 Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/10/2023
Date of Issue	13/10/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Lead on filter						
Our Reference		334998-1	334998-2	334998-3	334998-4	334998-5
Your Reference	UNITS	I51	I46	I59	I09	I60
Date Sampled		04/10/2023	04/10/2023	04/10/2023	04/10/2023	04/10/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/10/2023	11/10/2023	11/10/2023	11/10/2023	11/10/2023
Date analysed	-	12/10/2023	12/10/2023	12/10/2023	12/10/2023	12/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334998-6
Your Reference	UNITS	I32
Date Sampled		04/10/2023
Type of sample		Filter
Date prepared	-	11/10/2023
Date analysed	-	12/10/2023
Lead	µg/filter	<1

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1 DVA Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			11/10/2023	[NT]	[NT]	[NT]	[NT]	11/10/2023	[NT]
Date analysed	-			12/10/2023	[NT]	[NT]	[NT]	[NT]	12/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	99	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 05102023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 5/10/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I09	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I46	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I51	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



Envirolab Services Pty Ltd

ABN 37 112 535 645

12 Ashley St Chatswood NSW 2067

ph 02 9910 6200 fax 02 9910 6201

customerservice@envirolab.com.au

www.envirolab.com.au

CERTIFICATE OF ANALYSIS 334999

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dep. of VA, Greenslopes</u>
Number of Samples	6 Filter
Date samples received	10/10/2023
Date completed instructions received	10/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by 17/10/2023

Date of Issue 13/10/2023

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		334999-1	334999-2	334999-3	334999-4	334999-5
Your Reference	UNITS	I09	I46	I60	I59	I51
Date Sampled		05/10/2023	05/10/2023	05/10/2023	05/10/2023	05/10/2023
Type of sample		Filter	Filter	Filter	Filter	Filter
Date prepared	-	11/10/2023	11/10/2023	11/10/2023	11/10/2023	11/10/2023
Date analysed	-	12/10/2023	12/10/2023	12/10/2023	12/10/2023	12/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		334999-6
Your Reference	UNITS	I32
Date Sampled		05/10/2023
Type of sample		Filter
Date prepared	-	11/10/2023
Date analysed	-	12/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			11/10/2023	[NT]	[NT]	[NT]	[NT]	11/10/2023	[NT]
Date analysed	-			12/10/2023	[NT]	[NT]	[NT]	[NT]	12/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	102	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.
Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.	
The recommended maximums for analytes in urine are taken from "2018 TLVs and BEIs", as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.	
Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

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For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Lead Monitoring Report

Job No: 754-BNEEN282781 Greenslopes LDM 06102023
Client: Department of Veteran Affairs
Client Address: GPO Box 9998
 Brisbane QLD 4001

Contact: Dave Binny
E-mail: dave.binny@dva.gov.au
Date Sampled: 6/10/2023
Date Printed: 17/10/2023
Sampled By: Laura Smith
Site: 114 Newdegate Street, Greenslopes QLD

Sampling Method

Control (static) lead dust air monitoring was carried out in accordance with AS 3640-2009 Workplace atmospheres-Method for sampling and gravimetric determination of inhalable dust using IOM samplers and PVC filters. Filters were analysed for lead content by ICP-AES/MS and or CV/AAS. The results of control samples are interpreted against a nominated action level which is established as 50% of the workplace exposure standard for lead.

Sample No.	Description	Results	Units
I46	Int, NW corner of site, lunch room, on switch box	<0.01	mg/m ³
I09	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	<0.01	mg/m ³
I60	Ext, E elevation site boundary, adj Neighbouring properties, on fencing	<0.01	mg/m ³
I59	Ext, S elevation site boundary, adj Headfort st, on fencing	<0.01	mg/m ³
I51	Ext, W elevation site boundary, adj Newdegate st, on fencing	<0.01	mg/m ³
I32	Field Blank	<1	µg/filter

Laboratory Analysis

NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services using the NATA accredited Envirolab method: Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

Results

Control air monitoring results were all below the nominated action level of 0.03 mg/m³.

Fieldwork by:



Laura Smith
Associate WHS Consultant

Written/Submitted by:



Patricy Cortes
WHS Consultant



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www.envirolab.com.au

CERTIFICATE OF ANALYSIS 335000

Client Details

Client	Tetra Tech Coffey Pty Ltd
Attention	Laura Smith
Address	Level 19, Tower B, Citadel Tower, 799 Pacific Hwy, Chatswood, NSW, 2067

Sample Details

Your Reference	<u>754-BNEEN282781-1, Dep. of VA, Greenslopes</u>
Number of Samples	6 filter
Date samples received	10/10/2023
Date completed instructions received	10/10/2023

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	17/10/2023
Date of Issue	13/10/2023
NATA Accreditation Number 2901. This document shall not be reproduced except in full.	
Accredited for compliance with ISO/IEC 17025 - Testing. Tests not covered by NATA are denoted with *	

Results Approved By

Hannah Nguyen, Metals Supervisor

Authorised By

Nancy Zhang, Laboratory Manager

Lead on filter						
Our Reference		335000-1	335000-2	335000-3	335000-4	335000-5
Your Reference	UNITS	I46	I09	I60	I59	I51
Date Sampled		06/10/2023	06/10/2023	06/10/2023	06/10/2023	06/10/2023
Type of sample		filter	filter	filter	filter	filter
Date prepared	-	11/10/2023	11/10/2023	11/10/2023	11/10/2023	11/10/2023
Date analysed	-	12/10/2023	12/10/2023	12/10/2023	12/10/2023	12/10/2023
Lead	µg/filter	<1	<1	<1	<1	<1

Lead on filter		
Our Reference		335000-6
Your Reference	UNITS	I32
Date Sampled		06/10/2023
Type of sample		filter
Date prepared	-	11/10/2023
Date analysed	-	12/10/2023
Lead	µg/filter	<1

Method ID	Methodology Summary
Metals-020/021/022	Determination of various metals on filters by ICP-AES/MS and or CV/AAS. Note - air volume measurements are not covered by Envirolab's NATA accreditation.

Client Reference: 754-BNEEN282781-1, Dep. of VA, Greenslopes

QUALITY CONTROL: Lead on filter				Duplicate				Spike Recovery %		
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-2	[NT]
Date prepared	-			11/10/2023	[NT]	[NT]	[NT]	[NT]	11/10/2023	[NT]
Date analysed	-			12/10/2023	[NT]	[NT]	[NT]	[NT]	12/10/2023	[NT]
Lead	µg/filter	1	Metals-020/021/022	<1	[NT]	[NT]	[NT]	[NT]	113	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
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Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2	

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Section 3 - Clearance Certificates (Asbestos)

This section contains the clearance certificates for asbestos cleanup prepared by Tetra Tech Coffey. Included are:

- emails proving "interim" clearance
- formal clearance reports

Tetra Tech Coffey specialists were onsite for all asbestos removal work, including both building demolition work and soil remediation.

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

12th October 2023

Report reference number: 754-BNEEN282781-1 Decontamination Unit ACC 09102023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	12/10/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	12/10/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	Enviropacific Decontamination Unit (Registration Number 309 U0I) located at 114 Newdegate Street, Greenslopes QLD
Inspection Date	09/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Laura Smith NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control/clearance air monitoring and associated clearance inspection as part of the environmental clean of Enviropacific Decontamination Unit (Registration Number 309 U0I) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of;

- Enviropacific Decontamination Unit (Registration Number 309 U01).

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works. The filters were shown to have been removed and disposed of as asbestos waste.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 9th October 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection and clearance air monitoring within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Decontamination unit following cleaning.



Photo 2: Decontamination unit following cleaning.



Photo 3: Decontamination unit following cleaning.



Photo 4: Decontamination unit following cleaning.



Photo 5: Decontamination unit identifying information.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

12th October 2023

Report reference number: 754-BNEEN282781-1 Soil Surface ACC 09102023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	12/10/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	12/10/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	Area North-East to North-West of Driveway (Including Accommodation Block Footprint), 114 Newdegate Street, Greenslopes QLD
Inspection Date	09/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Laura Smith NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing soil as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by ARQ at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the removal of asbestos-containing soil from the Area North-East to North-West of Driveway (Including Accommodation Block Footprint).

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance is specific to the soil surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 9th October 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained to the soil surface area only at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works conducted by Enviropacific Services have been completed to a satisfactory standard and the work area is now suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area following removal works.



Photo 2: Work area following removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.



Photo 5: Work area following removal works.



Photo 6: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

12th October 2023

Report reference number: 754-BNEEN282781-1 Brick & Concrete ACC 10102023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	12/10/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	12/10/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	10/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Laura Smith NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of demolished brickwork and removed sections of concrete slab as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of demolished brickwork and removed sections of concrete slab.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance does not cover the internal of the concrete and is specific to the surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 10th October 2023 and observed that the environmental clean works to surface areas (only) had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Material following cleaning.



Photo 2: Material following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Smith, Laura1](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: 10th October - Interim Clearance - Asbestos - Concrete Environmental Clean
Date: Tuesday, 10 October 2023 1:33:37 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi all

Please consider this email an interim clearance dated 10th October 2023 pertaining the environmental clean of bricks, concrete building stumps and removed sections of concrete slab.

In summary the works were performed to a satisfactory standard and the material can now be loaded out – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

15th December 2023

Report reference number: 754-BNEEN282781-1 Decon Unit ACC 14122023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	15/12/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	15/12/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	14/12/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of a Decontamination Unit as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of;

- Decontamination Unit.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 14th December 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Decontamination unit following cleaning.



Photo 2: Decontamination unit following cleaning.



Photo 3: Decontamination unit following cleaning.



Photo 4: Decontamination unit following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

15th December 2023

Report reference number: 754-BNEEN282781-1 Excavator OH23631 ACC 14122023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	15/12/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	15/12/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	14/12/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of an excavator as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of an excavator as follows;

- Excavator OH23632 bucket only.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 14th December 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Excavator bucket following cleaning.



Photo 2: Excavator bucket following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

15th December 2023

Report reference number: 754-BNEEN282781-1 Northern Boundary Strip Soil Surface ACC 14122023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	15/12/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	15/12/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	14/12/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the asbestos containing soil removal works as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The removal works at the site comprised the removal of asbestos-containing of the Northern Boundary Strip of the site soil surface.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 14th December 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area following removal works.



Photo 2: Work area following removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

15th December 2023

Report reference number: 754-BNEEN282781-1 Posi track OH24746 ACC 14122023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	15/12/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	15/12/2023

Restriction on Disclosure and Use of Data

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	14/12/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of a Posi Track as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of a Posi track as follows;

- Posi track OH24746 bucket only.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 14th December 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Posi track bucket following cleaning.



Photo 2: Posi track bucket following cleaning.



Photo 3: Posi track bucket following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Client:	Tetra Tech Coffey	Date Sampled:	19 October 2023
Client Address:	Level 19, Tower B, CitadelTowers, 799 Pacific Highway, Chatswood NSW	Date Received:	19 October 2023
Client Contact:	Richard Wilkinson (COH)	Date Analysed/Reported:	19 October 2023
Phone No:	02 9406 1185	Order No:	N/A
Email:	richard.wilkinson@tetrattech.com	Sampled By:	Michael McKenzie
Site/Location:	114 Newdegate Street, Greenslopes	Certificate No:	HC4360.A.1

CERTIFICATE OF ANALYSIS

Airborne Fibre Count

Analysis Method:

Air Monitoring filters were examined at the HazSure Consultants NATA Accredited facility (No 20060) in accordance with 2005 [NOHSC:3003: (2005)] Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2nd Edition, and the in-house Laboratory Method MFM.

Lab No.	Sample No.	Sample Location	Sample Type	Fibre Count	Concentration
				(Fibres/Field)	(Fibres/mL)
1	9622	Ext, E elevation site boundary, adjacent to neighbouring properties, on fencing	WIP	1 / 100	<0.01
2	9644	Ext, N elevation site boundary, adjacent to neighbouring properties, on fencing	WIP	0 / 100	<0.01
3	9645	Ext, W elevation site boundary, adj Newdegate st, on fencing	WIP	0 / 100	<0.01
4	9658	Ext, SW elevation site boundary, adjacent to adjacent to Newdegate st and Headfort st, on Fence	WIP	0 / 100	<0.01
5	9620	Ext, S elevation, outside supervisors office, on fence	WIP	2 / 100	<0.01
6	9637	Int, S elevation, lunch room, onswitchbox	WIP	0 / 100	<0.01

- Legend:**
- WIP** Work in Progress
 - C** Clearance
 - R** Reassurance
 - P** Personal
 - B** Background

Approved Counter:



Name: Michael McKenzie

Approved Signatory:



Name: Adam Maurice

Notes:

If the fibre count is less than 10 fibres per 100 fields the count is not significantly above that of background (Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2nd Edition, 2005 [NOHSC:3003: (2005)]).

The results contained within this report relate only to the sample(s) submitted for testing. HazSure Pty Ltd t/as HazSure Consultants accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. Samples identified 'As received' are reported on the assumption that the information provided is accurate and in accordance with the company/individual's procedures, HazSure Consultants are not responsible for information provided. This document may not be reproduced except in full.

Client:	Tetra Tech Coffey	Date Sampled:	20 October 2023
Client Address:	Level 19, Tower B, CitadelTowers, 799 Pacific Highway, Chatswood NSW	Date Received:	20 October 2023
Client Contact:	Richard Wilkinson (COH)	Date Analysed/Reported:	20 October 2023
Phone No:	02 9406 1185	Order No:	N/A
Email:	richard.wilkinson@tetrattech.com	Sampled By:	Michael McKenzie
Site/Location:	114 Newdegate Street, Greenslopes	Certificate No:	HC4360.A.2

CERTIFICATE OF ANALYSIS Airborne Fibre Count

Analysis Method:

Air Monitoring filters were examined at the HazSure Consultants NATA Accredited facility (No 20060) in accordance with 2005 [NOHSC:3003: (2005)] Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2nd Edition, and the in-house Laboratory Method MFM.

Lab No.	Sample No.	Sample Location	Sample Type	Fibre Count	Concentration
				(Fibres/Field)	(Fibres/mL)
1	5243	Ext, Eastern elevation site boundary, adjacent to neighbouring properties, on fencing	WIP	0 / 100	<0.01
2	5239	Ext, Northern elevation site boundary, adjacent to neighbouring properties, on fencing	WIP	0 / 100	<0.01
3	5241	Ext, Western elevation site boundary, adj Newdegate st, on fencing	WIP	0 / 100	<0.01
4	9663	Ext, SW elevation site boundary, adjacent to adjacent to Newdegate st and Headfort st, on Fence	WIP	0 / 100	<0.01
5	9632	Ext, Southern elevation, outside supervisors office, on fence	WIP	0 / 100	<0.01
6	9646	Int, Southern elevation, lunch room, onswitchbox	WIP	0 / 100	<0.01
7	5251	Inside excavator cabin (dust overload)	WIP	VOID	N/A

Legend:

- WIP** Work in Progress
- C** Clearance
- R** Reassurance
- P** Personal
- B** Background

Approved Counter:



Name: Michael McKenzie

Approved Signatory:



Name: Adam Maurice

Notes:

If the fibre count is less than 10 fibres per 100 fields the count is not significantly above that of background (Guidance Note on the Membrane Filter Method for the Estimation of Airborne Asbestos Fibres, 2nd Edition, 2005 [NOHSC:3003: (2005)]).

The results contained within this report relate only to the sample(s) submitted for testing. HazSure Pty Ltd t/as HazSure Consultants accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. Samples identified 'As received' are reported on the assumption that the information provided is accurate and in accordance with the company/individual's procedures, HazSure Consultants are not responsible for information provided. This document may not be reproduced except in full.

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

31st October 2023

Report reference number: 754-BNEEN282781-1 Excavator ACC 25102023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	25/10/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	31/10/2023

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	25/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the Excavator Plant E 88 clean-up works as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The works at the site comprised the environmental clean of the Excavator Plant E 88.

Please Note: This clearance certificate refers only to the Excavator Plant exterior outlined above, at the time of the inspection. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 25th October 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Excavator Plant following clean-up works.



Photo 2: Excavator Plant following clean-up works.



Photo 3: Excavator Plant following clean-up works.



Photo 4: Excavator Plant following clean-up works.

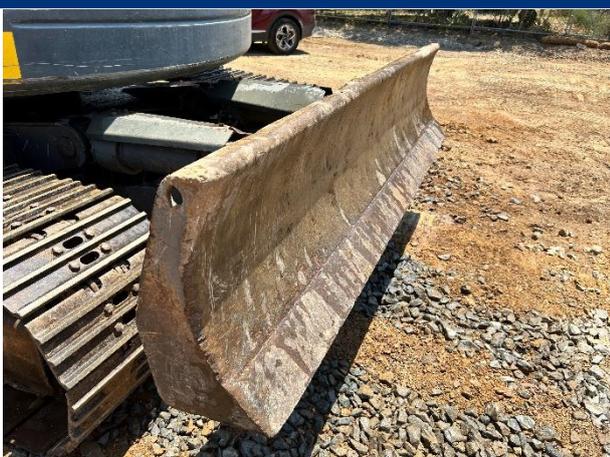


Photo 5: Excavator Plant following removal works.



Photo 6: Excavator Plant following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

31st October 2023

Report reference number: 754-BNEEN282781-1 Final ACC 25102023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	25/10/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	31/10/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	25/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the asbestos containing soil removal as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The removal works at the site comprised the removal of asbestos-containing soil across the site soil surface.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance is specific to the soil surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 25th October 2023 and observed that the removal works to the soil surface areas (only) had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the removal works conducted by Enviropacific Services have been completed to a satisfactory standard and the work area is now suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area following removal works.



Photo 2: Work area following removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.

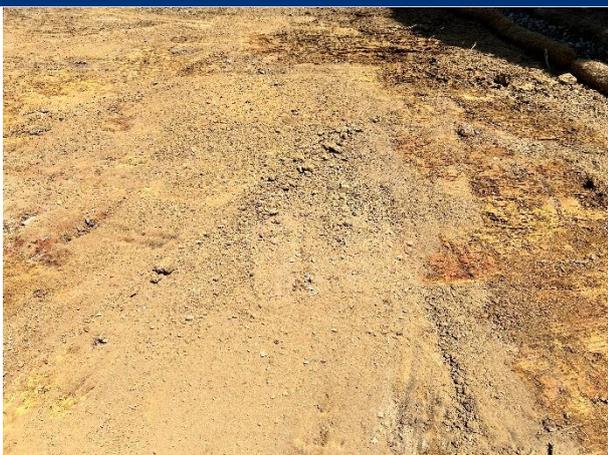


Photo 5: Work area following removal works.



Photo 6: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Sean Cummings](#)
Cc: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: Greenslopes soil surface final Clearance 25.10.2023
Date: Wednesday, 25 October 2023 12:38:19 PM

Hi Sean,

Please consider this email an interim clearance pertaining the soil surface (visible soil surface only) of the entire site at 114 Newdegate Street, Greenslopes QLD.

In summary the entire soil surface of the site site is deemed free of ACM and the area is now suitable for reoccupation - the full report is forthcoming.

Thanks

Patricy Thisen Cortes

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From: [Cortes, Patricy](#)
To: [Sean Cummings](#)
Cc: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: Excavator plant no E88 Interim Clearance
Date: Wednesday, 25 October 2023 12:35:18 PM

Hi Sean,

Please consider this email an interim clearance pertaining the Excavator Plant no E88 - full report is forthcoming.

In summary the Excavator Plant is deemed clean and suitable to be taken off site.

Thanks

Patricy Thisen Cortes

Get [Outlook for iOS](#)

From: [Cortes, Patricy](#)
To: [Sean Cummings](#)
Cc: [Binny, Dave](#); [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim Clearance - Decon Unit 14.12.2023
Date: Thursday, 14 December 2023 1:57:47 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi Sean,

Please consider this email an interim clearance for the Decontamination unit used at 114 Newdegate, Greenslopes 13-14/12 – the full Clearance is forthcoming.

Any queries please don't hesitate to get in touch.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little*

From: [Cortes, Patricy](#)
To: [Sean Cummings](#)
Cc: [Binny, Dave](#); [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim Clearance - Northern Boundary Line, Posi-track and Excavator Plants 14.12.2023
Date: Thursday, 14 December 2023 12:36:32 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Sean,

Please consider this email an interim clearance for the soil surface (only) of the Northern Boundary Line, the excavator plant OH23631 and the posi-track plant OH24746 at 114 Newdegate, Greenslopes – the full Clearance is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct **+61 2 9406 1136** Mobile **+61 425 977 795** | patricy.cortes@tetrattech.com

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Artist: Chloe Little*



CAUTION
NO STEP

WARNING
KEEP HANDS AWAY FROM
PUSH PINCH POINTS
DURING OPERATION
OR MAINTENANCE

2014





Kubota

SWL
520kg



GON

915E

138





Kubota

U55-4

20095

PLANT EQUIPMENT
ACCEPTANCE
BRISBANE
DEPOT

ENVIROPACIFIC

RENT & FENCE
0411 554 457

RENT & FENCE
0411 554 457



Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

7th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 06032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
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 NSW 2067 Australia
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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	7/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	7/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	7 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Biny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing dust throughout accessible internal surfaces of the Main Hall Building; and
- Ceiling panels to the interior of the Main Hall Building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 6th March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, clearance airborne asbestos fibre monitoring within the work area following the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: Interim friable ACM and lead Visual Clearance 6.3.2023
Date: Monday, 6 March 2023 2:40:52 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Main Hall Building at 114 Newdegate St, Greenslopes QLD, 6.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetratech.com

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Artist: Chloe Little

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim friable ACM and lead Visual Clearance 13.3.2023
Date: Monday, 13 March 2023 12:05:18 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Main Hall Building where the previous decontamination unit was previously located at 114 Newdegate St, Greenslopes QLD, 13.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

10th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 08032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 Chatswood
 NSW 2067 Australia
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 f: +61 2 9415 1678
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	8/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	9/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	8 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing fibre cement sheeting to the walls and ceiling of the Main Hall Building Subfloor/Old laundry area.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Inaccessible areas including but not limited to voids, wall cavities and subfloors were not included in this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 8th March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: Interim ACM Visual Clearance 8.3.2023
Date: Wednesday, 8 March 2023 4:34:32 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick,

Please consider this email an interim visual clearance pertaining ACM removal works to the interior of the Main Hall Building Subfloor area/ Old laundry at 114 Newdegate St, Greenslopes QLD, 8.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct **+61 2 9406 1136** Mobile **+61 425 977 795** | patricy.cortes@tetrattech.com

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Artist: Chloe Little*

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

16th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 13032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 NSW 2067 Australia
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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	14/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	16/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	13 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing fibre cement sheeting to the Internal Walls of the Main Hall Building Area.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 13th March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

14th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 13032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	14/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	14/03/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	13 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing dust throughout accessible internal surfaces of the Main Hall Building Area where the decontamination unit was previously located; and
- Asbestos-containing Walls and Ceiling panels to the interior of Main Hall Building Area where the decontamination unit was previously located.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 13th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, clearance airborne asbestos fibre monitoring within the work area following the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: Interim ACM Visual Clearance 13.3.2023
Date: Monday, 13 March 2023 4:15:45 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick,

Please consider this email an interim visual clearance pertaining the removal works of the asbestos containing fibre cement sheeting to the internal walls of the Main Hall Building at 114 Newdegate St, Greenslopes QLD, 13.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim friable ACM and lead Visual Clearance 17.3.2023
Date: Friday, 17 March 2023 12:33:04 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Accommodation Block at 114 Newdegate St, Greenslopes QLD, 17.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

21st March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST fACC 17032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	17/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	21/03/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	17 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing dust throughout accessible internal surfaces of the Accommodation Block top level; and
- Asbestos-containing Internal Wall panels to the interior of the Accommodation Block top level, toilet area.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 17th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, clearance airborne asbestos fibre monitoring within the work area following the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.

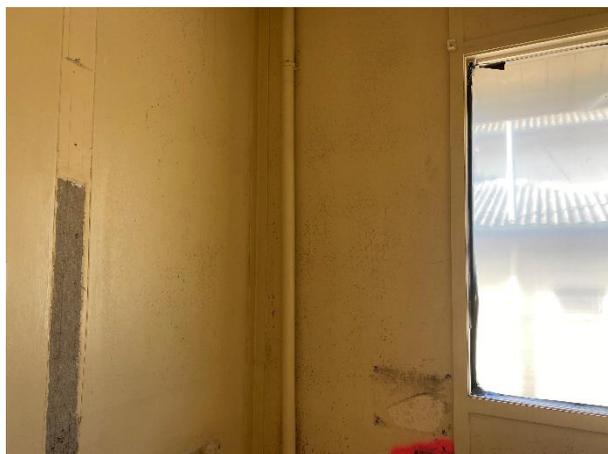


Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

31st March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC MH Northern Lower Roof Sheeting 28032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	28/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	31/03/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	28 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing corrugated roof sheeting to lower roof of the Northern elevation of the Main Hall Building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 28th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

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This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

31st March 2023

Report reference number: 754-BNEEN282781 114 Newdegate St ACC MH Southern Lower Roof Sheeting 28032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	29/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	31/03/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	28 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

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Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing corrugated roof sheeting to lower roof of the Southern elevation of the Main Hall Building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 28th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim ACM Visual Clearance 28.3.2023
Date: Tuesday, 28 March 2023 3:55:59 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining ACM removal works of the lower roof (asbestos-containing corrugated roof sheeting) of the Main Hall Building Southern elevation at 114 Newdegate St, Greenslopes QLD, 28.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim ACM Visual Clearance 28.3.2023
Date: Tuesday, 28 March 2023 8:52:36 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining ACM removal works of the lower roof (asbestos-containing corrugated roof sheeting) of the Main Hall Building Northern elevation (opposite to the Accommodation Block Building) at 114 Newdegate St, Greenslopes QLD, 28.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant

Direct **+61 2 9406 1136** Mobile **+61 425 977 795** | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

31st March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 31032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	29/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	31/03/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	29 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing compressed cement sheeting to the Main Hall building wet areas floor covering.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 29th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area following removal works.



Photo 6: Work area following removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

30th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 30032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	30/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	30/03/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	30 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing fibre cement sheeting to the Internal Walls and Ceiling Panels of the Accommodation Block Ground Level Western Elevation up to the Toilets area (Excluding Toilets and current Staff area/Kitchenette).

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 30th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.

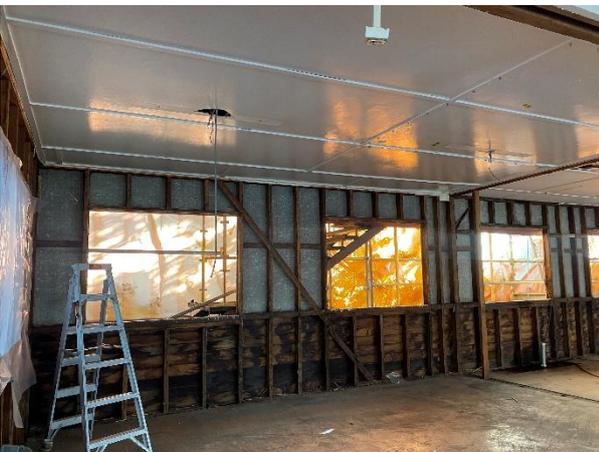


Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

3rd April 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC AB Upper Roof Sheeting
 31032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	31/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	3/04/2023

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APPENDICES

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APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	31 st March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing corrugated roof sheeting to upper roof of the Accommodation Block Building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 31st of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

3rd April 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC MHB E Elevation of Rigging Structure Above Stage 31032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	31/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	3/04/2023

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	31 st March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing dust to East elevation of the rigging structure above the stage of the Main Hall Building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 31st of March 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim ACM Visual Clearances 31.3.2023
Date: Friday, 31 March 2023 1:40:17 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining ACM removal works of the higher roof (asbestos-containing corrugated roof sheeting) of the Accommodation Block Building and East elevation of the Rigging structure above the stage of Main Hall Building at 114 Newdegate St, Greenslopes QLD, 31.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificates are forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetratech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

18th April 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC MHB Eastern Elevation Lighting Gantry Above Stage 18042023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
 Chatswood
 NSW 2067 Australia
 p: +61 2 9406 1000
 f: +61 2 9415 1678
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	18/04/2023	Nick Kuerzinger	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	18/04/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	18 th April 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Nicolas Kuerzinger – NSW LAA001069

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos clearance air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Suspected Asbestos-containing dust to horizontal wooden decking atop the lighting gantry above the eastern elevation stage of the Main Hall Building (~10m²).

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 18th of April 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control/clearance airborne asbestos fibre monitoring adjacent to the work area during and after the removal works and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.



Photo 5: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Kuerzinger, Nick](#)
To: mick.merriman@enviropacific.com.au; [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Cortes, Patricy](#)
Subject: Interim ACM Visual Clearance 18.04.2023
Date: Tuesday, 18 April 2023 9:54:05 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining to ACM removal works of potential asbestos containing dust (10m²) to horizontal wooden sheeting to the lighting gantry above the stage within the Main Hall Building at 114 Newdegate St, Greenslopes QLD, 18.04.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Nicolas Kuerzinger, LAA | Senior Workplace Health & Safety / Hazardous Materials Consultant
Mobile +61 419 776 143 | nick.kuerzinger@tetrattech.com

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Asbestos Clearance Certificate

144 NEWDEGATE STREET, GREENSLOPES QLD

20th April 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 20042023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
Chatswood
NSW 2067 Australia
p: +61 2 9406 1000
f: +61 2 9415 1678
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	20/04/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	20/04/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	20 th April 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4**.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Asbestos-containing external wall sheeting panels; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 20th of April 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area following removal works.



Photo 6: Work area following removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Smith, Laura](#)
Subject: Interim ACM Visual Clearances 20.4.2023
Date: Thursday, 20 April 2023 12:01:08 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining ACM removal works of the external wall sheeting and associated dust and debris to adjacent areas and scaffolding of the Accommodation Block Building at 114 Newdegate St, Greenslopes QLD, 20.4.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificates are forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 3rd May 2023 - Interim Visual Clearance - Main Hall - Internal Area Adjacent Timber Cladding
Date: Thursday, 4 May 2023 6:43:36 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick

Please consider this email an interim visual clearance of the main hall internal area directly adjacent timber cladding to the north wall dated 3rd May 2023, pertaining dust and debris associated with the removal of external wall sheeting.

In summary the cleaning works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetratech.com

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I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

8th May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 08052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	8 th May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	8 th May 2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	5 th May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items, where accessible:

- Asbestos-containing wall sheeting to the external, north elevation of the first floor of the main hall building;
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 5th May 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

8th May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 08052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	8 th May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	8 th May 2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	5 th May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items, where accessible:

- Asbestos-containing wall sheeting to the external, north elevation of the first floor of the main hall building;
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 5th May 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

16th May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ACC 10052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	12 th May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	16 th May 2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	10 th May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items, where accessible:

- Asbestos-containing wall sheeting to the external, east elevation of the first floor of the accommodation block building;
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 10th May 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 10th May 2023 - Interim Visual Clearance - Asbestos and Lead to External East Elevation - Accommodation Block Building
Date: Wednesday, 10 May 2023 9:31:17 AM
Attachments: [image001.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image002.png](#)

Hi Mick

Please consider this email an interim visual clearance dated 10th May 2023 pertaining removal of;

- asbestos containing and lead impacted wall sheeting to the external, east elevation of the first floor of the accommodation block building;
- lead paint impacted horizontal timber cladding to the external, east elevation of the first floor of the accommodation block building; and
- associated dust and debris to adjacent areas and scaffolding in the work area at 114 Newdegate St, Greenslopes QLD.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

26th May 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST ACC 25052023

PREPARED FOR

Department of Veteran Affairs
GPO Box 9998
Brisbane QLD 4001

PREPARED BY

Tetra Tech Coffey Pty Ltd
Level 5, 12 Creek Street,
Brisbane QLD 4000 Australia
p: +61 7 3239 9300
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	25/5/23	Steph Hall	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	31/05/2023

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	Department of Veterans' Affairs, GPO Box 9998, Brisbane QLD 4001
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	25/05/2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd - 2308842
Inspected By:	Steph Hall – NSW LAA000162

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items, where accessible:

- Accommodation block, N & S elevations, lower walls, weatherboard timber panels, asbestos containing paint ~ 60 m².
- Associated dust and debris to surfaces adjacent to the work area, including scaffolding.

The following materials could not be removed, and will be removed at a later date:

- Accommodation block, south elevation, lower walls weatherboard timber panels, asbestos containing paint ~ 1 m². The lowest course of panels could not be removed as the ground level has been raised preventing access.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 25th May 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works, accommodation block, S lower wall.



Photo 2: Work area prior to removal works, accommodation block, N lower wall.



Photo 3: Site setup.



Photo 4: Work area following removal works, accommodation block, S lower wall.



Photo 5: Work area following removal works, accommodation block, S lower wall.



Photo 6: Work area following removal works, accommodation block, N lower wall.



Photo 7: Work area following removal works, accommodation block, N lower wall.



Photo 8: Residual ACM - Accommodation block, S lower wall – lower course of weatherboard panels below ground level.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Smith, Laura1](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: 3rd October 2023 - Interim Clearance - Asbestos - Liugong 915E Excavator
Date: Tuesday, 3 October 2023 3:41:02 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi all

Please consider this email an interim clearance dated 3rd October 2023 pertaining the environmental clean of Liugong 915E Excavator (Product Identification Number CLG915EZANE711307) blade, tracks, buckets and other attachments.

In summary the works were performed to a satisfactory standard and the excavator can now be de-mobilised from site – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant

Business **+61 7 3239 9311** | Mobile **+61 402 767 769** | laura.smith1@tetrattech.com

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Artist: Chloe Little

From: [Smith, Laura1](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: 9th October 2023 - Interim Clearance - Asbestos - Enviropacific Decontamination Unit (Registration Number 309 UOI)
Date: Monday, 9 October 2023 1:57:11 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi all

Please consider this email an interim clearance dated 9th October 2023 pertaining the environmental clean of Enviropacific Decontamination Unit (Registration Number 309 UOI).

In summary the works were performed to a satisfactory standard and the Decontamination Unit can now be demobilised from site – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant

Business **+61 7 3239 9311** | Mobile **+61 402 767 769** | laura.smith1@tetratech.com

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Artist: Chloe Little

From: [Smith, Laura1](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: 9th October 2023 - Interim Clearance - Asbestos - Area North-East to North West of Driveway (Including Accommodation Block Footprint)
Date: Monday, 9 October 2023 11:09:46 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi all

Please consider this email an interim clearance of the following area: Area North-East to North West of Driveway (Including Accommodation Block Footprint).

In summary Tetra Tech Coffey inspected the work area on the 9th October 2023, and no visible ACM debris or fragments remained on the soil surface (only) at the time of the inspection and the area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant

Business **+61 7 3239 9311** | Mobile **+61 402 767 769** | laura.smith1@tetratech.com

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Artist: Chloe Little

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

09 June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST ACC 09062023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998
 Brisbane QLD 4001

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	09/06/23	Steph Hall	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	09/06/2023

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	Department of Veterans' Affairs, GPO Box 9998, Brisbane QLD 4001
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	09/06/2023
Removal Contractor	Enviropacific - AD211328
Inspected By:	Steph Hall – NSW LAA000162

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and decontamination of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND DECONTAMINATION WORKS

The remediation works at the site comprised the removal or decontamination of the following items, where accessible:

- Kubota Excavator 14519E blade, buckets and tracks – decontaminated.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 9th June 2023 and observed that the removal and decontamination works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and decontamination works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Excavator following decontamination of blade, buckets and tracks.



Photo 2: Excavator following decontamination of blade, buckets and tracks.

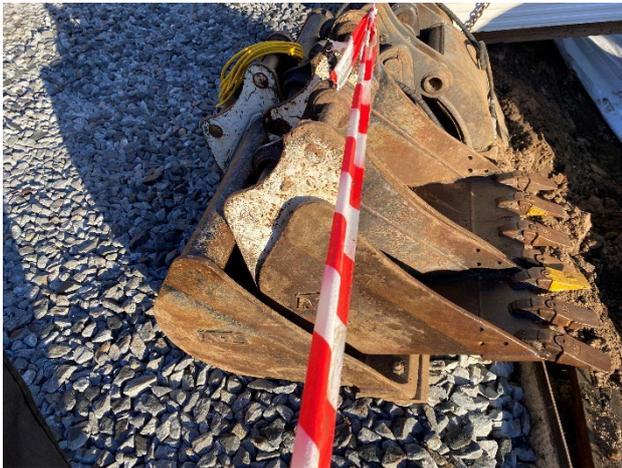


Photo 3: Excavator following decontamination of blade, buckets and tracks.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST ACC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
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 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

Restriction on Disclosure and Use of Data

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APPENDICES

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items from the accommodation block amenities, where accessible:

- Asbestos containing corrugated cement roof sheeting and associated roof ridge capping;
- Asbestos containing cement sheeting and cover strips to external walls;
- Asbestos paint impacted horizontal timber cladding to external walls; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST ACC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items from the accommodation block amenities, where accessible:

- Asbestos containing dust and debris to the ceiling void;
- Asbestos containing cement sheeting and cover strips to internal walls; and
- Associated dust and debris to surfaces adjacent to the work area.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.

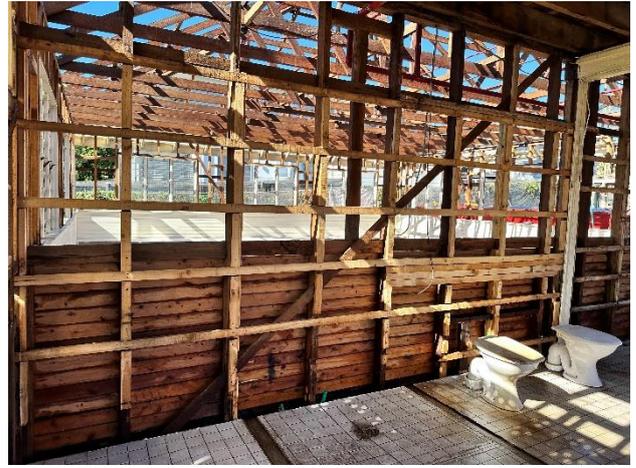


Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.

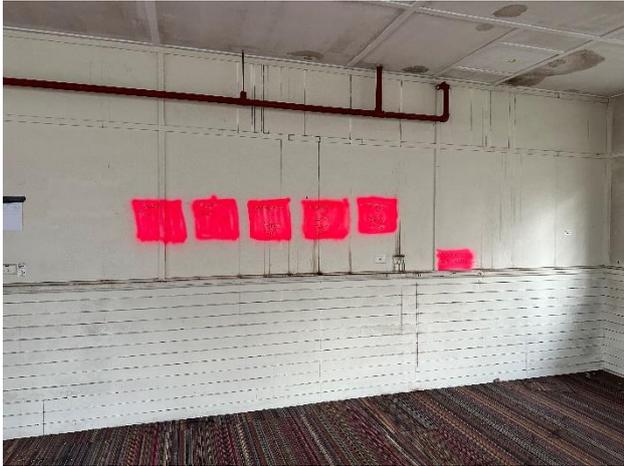


Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.

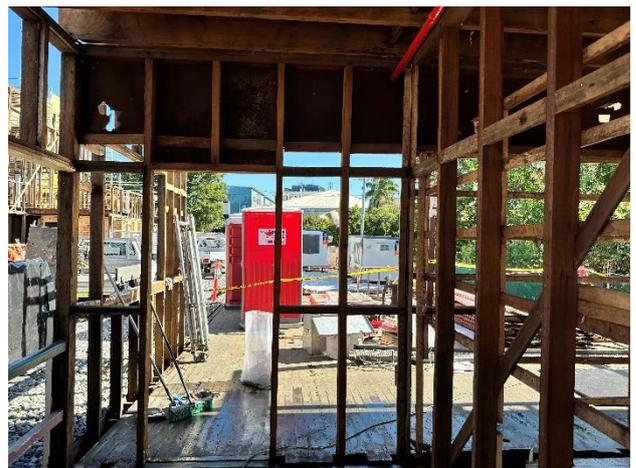


Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST ACC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Asbestos Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

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APPENDICES

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APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	6

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal and stabilisation of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the removal contractor at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice: *How to Safely Remove Asbestos*, 2021.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos*, 2021 and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL AND STABILISATION WORKS

The remediation works at the site comprised the removal and stabilisation of the following items from the accommodation block amenities, where accessible:

- Asbestos containing corrugated cement roof sheeting and associated roof ridge capping;
- Asbestos containing cement sheeting and cover strips to external walls;
- Asbestos paint impacted horizontal timber cladding to external walls; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal and stabilisation works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal and stabilisation works remained in the work area at the time of the inspection only.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal and stabilisation works, and a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (See attached report in Appendix B. It is noted that the results of the control air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and stabilisation works and associated clean-up works conducted by the removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.



Photo 12: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

8th August 2023

Report reference number: 754-BNEEN282781-1 DVA Greenslopes Remediation ACC Report 28072023

PREPARED FOR

Department of Veteran Affairs
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PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	02/08/2023	Todd Hastie	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	08/08/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	28/07/2023
Removal Contractor	Enviropacific Services
Inspected By:	Todd Hastie (Supervised by Laura Smith NTWS-AA-463856)

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of concrete building stumps and removed sections of concrete slab as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of concrete building stumps and removed sections of concrete slab.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance does not cover the internal of the concrete and is specific to the surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 28th July 2023 and observed that the environmental clean works to surface areas (only) had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Material prior to cleaning.



Photo 2: Material following cleaning.



Photo 3: Material prior to cleaning.



Photo 4: Material following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

7th August 2023

Report reference number: 754-BNEEN282781-1 DVA Greenslopes Remediation ACC Report 01082023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	03/08/2023	Todd Hastie	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	07/08/2023

Restriction on Disclosure and Use of Data

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APPENDICES

APPENDIX A: LIMITATIONS	3
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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	01/08/2023
Removal Contractor	Enviropacific Services
Inspected By:	Todd Hastie (Supervised by Laura Smith NTWS-AA-463856)

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Section of ACM water mains pipe ~3m.

Please Note: This clearance certificate refers only to the materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. The left in situ mains metal pipe crossing the west site boundary (toward Newdegate Street) contains a section of ACM pipe which could not be removed and as such is excluded from this scope of works. The end of the pipe was encapsulated with a concrete cover prior to backfilling the excavated soil. All excavated, and surrounding, soil is also excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 1st August 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and associated clean-up works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

8th August 2023

Report reference number: 754-BNEEN282781-1 Drain Pipe Surround Removal ACC 03082023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	07/08/2023	Todd Hastie	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	08/08/2023

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APPENDICES

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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	03/08/2023
Removal Contractor	Asbestos Removal Queensland (ARQ)
Inspected By:	Todd Hastie (Supervised by Laura Smith NTWS-AA-463856)

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the scheduled removal of asbestos-containing materials (ACM) as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by ARQ at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Three ACM drainpipe surrounds on the eastern elevation of the demolished Main Hall building.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance does not cover the internal of any in situ concrete and is specific to the surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 3rd August 2023 and observed that the removal works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the asbestos removal and associated clean-up works conducted by ARQ have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1:
Southern drain surround prior to removal works.



Photo 2:
Southern drain surround following removal works.



Photo 3:
Central drain surround prior to removal works.



Photo 4:
Central drain surround following removal works.



Photo 5:
Northern drain surround prior to removal works.



Photo 6:
Northern drain surround following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

21st August 2023

Report reference number: 754-BNEEN282781-1 Excavator ACC 10082023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	21/08/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	21/08/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	10/08/2023
Removal Contractor	Enviropacific Services
Inspected By:	Todd Hastie (Supervised by Laura Smith NTWS-AA-463856)

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of an excavator as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of an excavator as follows;

- Kubota KX080-3 Excavator, Registration Number 19904E blade, tracks, buckets and other attachments.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 10th August 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Excavator blade following cleaning.



Photo 2: Excavator tracks following cleaning.



Photo 3: Excavator tracks following cleaning.



Photo 4: Excavator buckets and other attachments following cleaning.



Photo 5: Excavator buckets and other attachments following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Smith, Laura1](#); [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: Interim Clearance Main Hall old entrance surface soil 04/09/2023
Date: Monday, 4 September 2023 10:15:35 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi Mick,

Please regard the following information as an interim clearance inspection of the soil surface (only) of the area previously occupied by the Main Hall old entrance (SW of site).

In summary Tetra Tech Coffey inspected the work area on 4th September 2023, and no visible ACM debris or fragments remained on the soil surface (only) at the time of the inspection and the area is now suitable for reoccupation.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

7th September 2023

Report reference number: 754-BNEEN282781-1 Area 2 Soil Surface ACC 07092023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	07/09/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	07/09/2023

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	07/09/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the asbestos containing soil removal as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The removal works at the site comprised the removal of asbestos-containing soil from the Area 2 E-W excluding the N-S segment adjacent hatched area 4A of the site.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance is specific to the soil surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 7th September 2023 and observed that the removal works to the soil surface areas (only) had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the removal works conducted by Enviropacific Services have been completed to a satisfactory standard and the work area is now suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area following removal works.



Photo 2: Work area following removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Cc: [Smith, Laura1](#)
Subject: Greenslopes Interim Clearance - Area 2 E-W excluding the N-S segment adjacent hatched area 4A - 7.9.2023
Date: Thursday, 7 September 2023 8:26:15 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi Mick,

Please regard this information as an interim clearance inspection of the soil surface (only) of the following area of the site: Area 2 E-W excluding the N-S segment adjacent hatched area 4A.

In summary Tetra Tech Coffey inspected the work area on 7th September 2023, and no visible ACM debris or fragments remained on the soil surface (only) at the time of the inspection and the area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant

Direct **+61 2 9406 1136** Mobile **+61 425 977 795** | patricy.cortes@tetrattech.com

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*I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.
Artist: Chloe Little*

From: Smith, Laura1

Sent: Wednesday, 6 September 2023 5:57 PM

To: dave.binny@dva.gov.au; Mick Merriman ; Adrian Scott

Cc: Cortes, Patricy

Subject: Greenslopes Asbestos Air Monitoring Report 06/09/2023

Hi all

Please see attached the Asbestos Air Monitoring Report for 06/09/2023.

Air monitoring was conducted at sample locations as indicated on the Asbestos Air Monitoring Report.

All valid results were found to be less than the detection limit of 0.01 fibres/mL.

The results are all below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant

Business **+61 7 3239 9311** | Mobile **+61 402 767 769** | laura.smith1@tetrattech.com

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From: [Cortes, Patricy](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Cc: [Smith, Laura1](#)
Subject: Greenslopes Interim Clearance - site entrance gate area - 18.9.2023
Date: Monday, 18 September 2023 10:58:49 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi Mick,

Please regard this information as an interim clearance inspection of the soil surface (only) of the site entrance gate area.

In summary Tetra Tech Coffey inspected the work area on 18th September 2023, and no visible ACM debris or fragments remained on the soil surface (only) at the time of the inspection and the area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little

From: Smith, Laura1 <LAURA.SMITH1@tetrattech.com>
Sent: Wednesday, 6 September 2023 5:57 PM
To: dave.binny@dva.gov.au; Mick Merriman <mick.merriman@enviropacific.com.au>; Adrian Scott <adrian.scott@enviropacific.com.au>
Cc: Cortes, Patricy <patricy.cortes@tetrattech.com>
Subject: Greenslopes Asbestos Air Monitoring Report 06/09/2023

Hi all

Please see attached the Asbestos Air Monitoring Report for 06/09/2023.

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

20th September 2023

Report reference number: 754-BNEEN282781-1 Area 2 and Area 4B ACC 20092023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R001	Asbestos Clearance Certificate	20/09/2023	Patricy Cortes	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R001	1	PDF	Department of Veteran Affairs	20/09/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
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APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

Air monitoring was conducted at sample locations as indicated on the Asbestos Air Monitoring Report.

All valid results were found to be less than the detection limit of 0.01 fibres/mL.

The results are all below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	20/09/2023
Removal Contractor	Enviropacific Services
Inspected By:	Patricy Cortes LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the asbestos containing soil removal as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The removal works at the site comprised the removal of asbestos-containing soil from the Western alignment of Area 2 and Southeastern boundary of area 4B of the site (Ref to Figure 4A, rev A).

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance is specific to the soil surface area only. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 20th September 2023 and observed that the removal works to the soil surface areas (only) had been satisfactorily completed, and no visible asbestos debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control and clearance air monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the removal works conducted by Enviropacific Services have been completed to a satisfactory standard and the work area is now suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area following removal works.



Photo 2: Work area following removal works.



Photo 3: Work area following removal works.



Photo 4: Work area following removal works.



Photo 5: Work area following removal works.



Photo 6: Work area following removal works.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

From: [Cortes, Patricy](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: Greenslopes Interim Clearance - Soil surface of Western alignment of Area 2 and South-eastern boundary of area 4B - 20.9.2023
Date: Wednesday, 20 September 2023 12:18:58 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick,

Please regard this information as an interim clearance inspection of the soil surface (only) of the Western alignment of Area 2 and South-eastern boundary of area 4B.

In summary Tetra Tech Coffey inspected the work area on 20th September 2023, and no visible ACM debris or fragments remained on the soil surface (only) at the time of the inspection and the area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetratech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: Smith, Laura1 <LAURA.SMITH1@tetratech.com>
Sent: Wednesday, 6 September 2023 5:57 PM
To: dave.binny@dva.gov.au; Mick Merriman <mick.merriman@enviropacific.com.au>; Adrian Scott <adrian.scott@enviropacific.com.au>
Cc: Cortes, Patricy <patricy.cortes@tetratech.com>
Subject: Greenslopes Asbestos Air Monitoring Report 06/09/2023

Hi all

Please see attached the Asbestos Air Monitoring Report for 06/09/2023.

Air monitoring was conducted at sample locations as indicated on the Asbestos Air Monitoring Report.

All valid results were found to be less than the detection limit of 0.01 fibres/mL.

The results are all below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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From: [Smith, Laura1](#)
To: [Binny, Dave](#); [Mick Merriman](#); [Adrian Scott](#)
Subject: 28th September 2023 - Interim Clearance - Asbestos - Kubota SVL75-2 Loader Bobcat
Date: Thursday, 28 September 2023 10:28:33 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi all

Please consider this email an interim clearance dated 28th September 2023 pertaining the environmental clean of Kubota SVL75-2 Loader Bobcat (Registration Number 50250E) tracks and bucket.

In summary the works were performed to a satisfactory standard and the bobcat can now be de-mobilised from site – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant

Business **+61 7 3239 9311** | Mobile **+61 402 767 769** | laura.smith1@tetratech.com

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Level 5 | 12 Creek Street, Brisbane QLD 4000 | tetratech.com | tetratechcoffey.com



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   Please consider the environment before printing. [Read more](#)

I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

28th September 2023

Report reference number: 754-BNEEN282781-1 Bobcat ACC 28092023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	28/09/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	28/09/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	28/09/2023
Removal Contractor	Enviropacific Services
Inspected By:	Laura Smith NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of a bobcat as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of a bobcat as follows;

- Kubota SVL75-2 Loader Bobcat (Registration Number 50250E) tracks and bucket.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 28th September 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Kubota SVL75-2 Loader Bobcat (Registration Number 50250E)



Photo 2: Bobcat tracks following cleaning.



Photo 3: Bobcat tracks following cleaning.



Photo 4: Bobcat bucket following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Asbestos Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

6th October 2023

Report reference number: 754-BNEEN282781-1 Excavator ACC 03102023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
 Brisbane QLD 4001 Australia

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Asbestos Clearance Certificate	06/10/2023	Laura Smith	Aaron Holmes	Aaron Holmes

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	06/10/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	GPO Box 9998, Brisbane QLD 4001 Australia
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	03/10/2023
Removal Contractor	Enviropacific Services
Inspected By:	Laura Smith NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct asbestos control air monitoring and associated clearance inspection as part of the environmental clean of an excavator as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site were in accordance with the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos*.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Tetra Tech's clearance inspection was conducted to the standard described in section '3.10: Clearance inspections' of the *Code of Practice: How to Safely Remove Asbestos* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- QLD Work Health & Safety Regulation, 2011; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of an excavator as follows;

- Liugong 915E Excavator (Product Identification Number CLG915EZANE711307) blade, tracks, buckets and other attachments.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. Any other asbestos containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 3rd October 2023 and observed that the environmental clean works had been satisfactorily completed, and no visible asbestos debris associated with the above listed removal works remained in the work area at the time of the inspection.

5.2 ASBESTOS AIR MONITORING

Tetra Tech conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the control monitoring are less than the laboratory detection limit (<0.01 f/mL).

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS

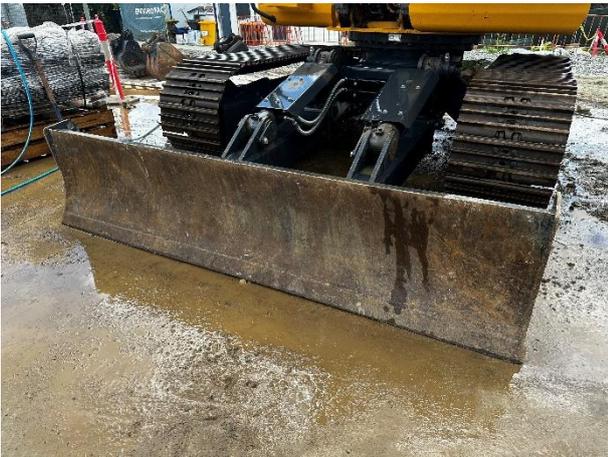


Photo 1: Excavator blade following cleaning.



Photo 2: Excavator tracks following cleaning.



Photo 3: Excavator tracks following cleaning.



Photo 4: Excavator buckets and other attachments following cleaning.



Photo 5: Excavator identifying information.

Section 4 - Clearance Certificates (Lead)

This section contains the clearance certificates for lead cleanup prepared by Tetra Tech Coffey. Included are:

- emails proving "interim" clearance
- formal clearance reports

Tetra Tech Coffey specialists were onsite for all lead removal work, including both building demolition work and soil remediation.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

7 March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 06032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
 Chatswood

NSW 2067 Australia

p: +61 2 9406 1000

f: +61 2 9415 1678

ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	7/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	7/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	7 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Biny of the Department of Veteran Affairs

To attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing dust throughout accessible internal surfaces of the Main Hall Building including above ceiling tiles.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 6th March 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

From: [Cortes, Patricy](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: Interim friable ACM and lead Visual Clearance 6.3.2023
Date: Monday, 6 March 2023 2:40:52 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Main Hall Building at 114 Newdegate St, Greenslopes QLD, 6.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim friable ACM and lead Visual Clearance 13.3.2023
Date: Monday, 13 March 2023 12:05:18 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Main Hall Building where the previous decontamination unit was previously located at 114 Newdegate St, Greenslopes QLD, 13.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

14 March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 06032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
 Chatswood

NSW 2067 Australia

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ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	14/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	15/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	13 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs

To attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing dust throughout accessible internal surfaces of the Main Hall Building Area where the decontamination unit was previously located, including above ceiling tiles.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 13th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Interim friable ACM and lead Visual Clearance 17.3.2023
Date: Friday, 17 March 2023 12:33:04 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Dave / Mick,

Please consider this email an interim visual clearance pertaining friable ACM and lead removal works to the interior of the Accommodation Block at 114 Newdegate St, Greenslopes QLD, 17.3.2023.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – the full Clearance Certificate is forthcoming.

Furthermore the Clearance air monitoring results were found to be less than 0.01 fibres/ml – air monitoring report to follow.

The air monitoring results are below the lowest detectable limit of 0.01 fibres/mL for static air monitoring as required in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres, 2nd Edition [NOHSC:3003 (2005)].

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct +61 2 9406 1136 Mobile +61 425 977 795 | patricy.cortes@tetrattech.com

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Artist: Chloe Little

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

21 March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 17032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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 Chatswood
 NSW 2067 Australia
 p: +61 2 9406 1000
 f: +61 2 9415 1678
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	17/03/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	21/03/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	17 th March 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs

To attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing dust throughout accessible internal surfaces of the Accommodation Block top level, including above ceiling tiles.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 17th of March 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area prior to removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

20 April 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 20042023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
 Chatswood

NSW 2067 Australia

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ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	20/04/2023	Patricy Cortes	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	20/04/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	-
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	20 th April 2023
Removal Contractor	ARQ - Asbestos Removal Queensland Pty Ltd
Inspected By:	Patricy Cortes – NSW LAA001543

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs

To attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing paint to the external wall sheeting panels; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 20th of April 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

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This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area prior to removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area prior to removal works.



Photo 5: Work area following removal works.



Photo 6: Work area following removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.



Photo 8: Work area following removal works.



Photo 10: Work area following removal works.



Photo 11: Work area following removal works.



Photo 12: Work area following removal works.

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 2nd May 2023 - Interim Visual Clearance - Lead Paint Impacted Timber - Accommodation Block Building
Date: Tuesday, 2 May 2023 10:20:44 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image008.png](#)
[image009.png](#)

Hi Mick

Please consider this email an interim visual clearance dated 2nd May 2023 pertaining removal of the lead paint impacted horizontal timber cladding to the external, west elevation of all floors of the accommodation block, associated dust and debris to adjacent areas and scaffolding in the work area at 114 Newdegate St, Greenslopes QLD.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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Level 5 | 12 Creek Street, Brisbane QLD 4000 | tetrattech.com | tetrattechcoffey.com



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I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

03 May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 03052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
Level 5, 12 Creek Street,
Brisbane QLD 4000 Australia
p: +61 7 3239 9300
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	03 May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	03 May 2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	2 nd May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing paint to the external horizontal timber cladding to the west elevation of all floors of the accommodation block; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 2nd May 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS

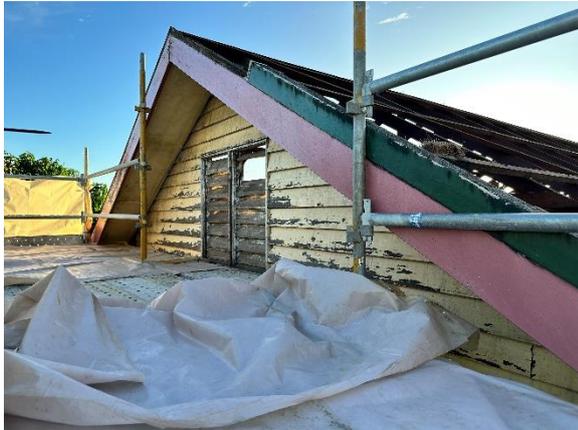


Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.

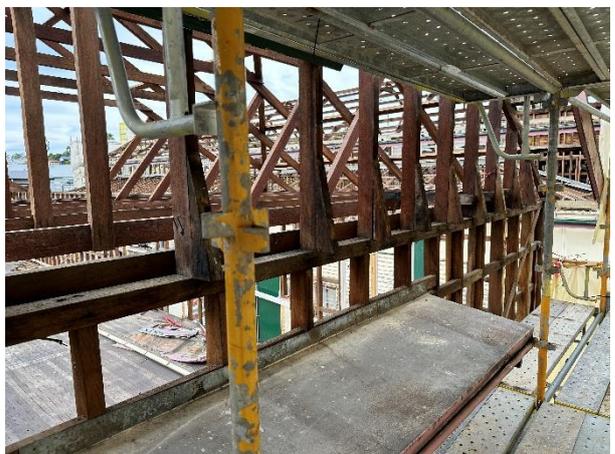


Photo 6: Work area following removal works.



Photo 7: Work area following removal works.



Photo 8: Work area following removal works.

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 3rd May 2023 - Interim Visual Clearance - Main Hall - Internal Area Adjacent Timber Cladding
Date: Thursday, 4 May 2023 6:43:36 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hi Mick

Please consider this email an interim visual clearance of the main hall internal area directly adjacent timber cladding to the north wall dated 3rd May 2023, pertaining dust and debris associated with the removal of external wall sheeting.

In summary the cleaning works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetratech.com

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Level 5 | 12 Creek Street, Brisbane QLD 4000 | tetratech.com | tetratechcoffey.com



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I acknowledge the Turrbal and Yuggera peoples on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 5th May 2023 - Interim Visual Clearance - Lead Paint Impacted Timber - Main Hall Building
Date: Friday, 5 May 2023 2:57:25 PM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image008.png](#)
[image002.png](#)

Hi Mick

Please consider this email an interim visual clearance dated 5th May 2023 pertaining removal of the lead paint impacted horizontal timber cladding to the external, south, east and west elevations of all floors of the main hall building, associated dust and debris to adjacent areas and scaffolding in the work area at 114 Newdegate St, Greenslopes QLD.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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Artist: Chloe Little

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

08 May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 08052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
Level 5, 12 Creek Street,
Brisbane QLD 4000 Australia
p: +61 7 3239 9300
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	08 May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	08 May 2023

Restriction on Disclosure and Use of Data

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	5 th May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead-containing paint to the external horizontal timber cladding to all elevations of all floors of the main hall building; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 5th May 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

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This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS

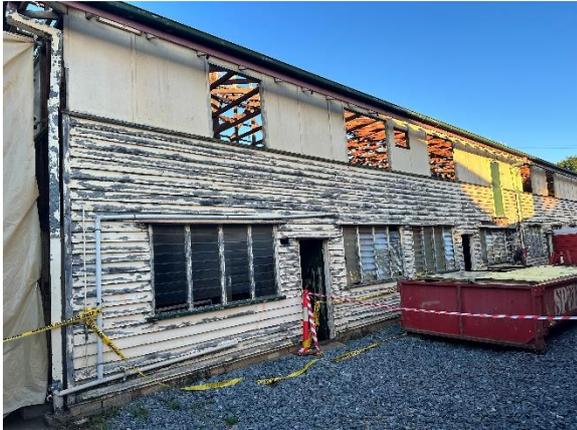


Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.

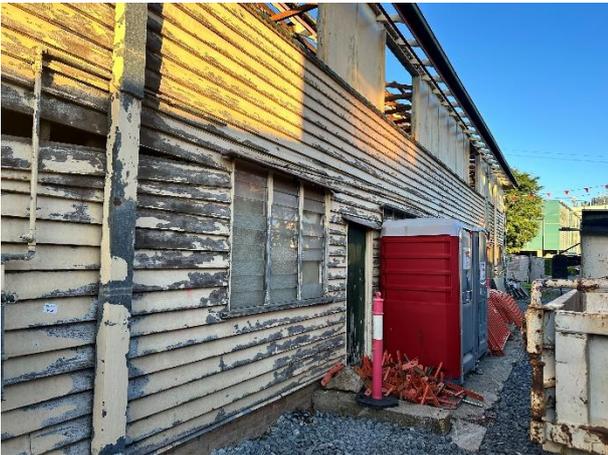


Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.

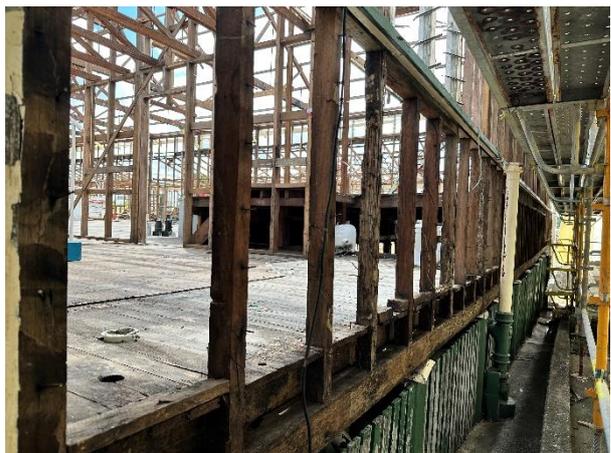


Photo 12: Work area following removal works.



Photo 13: Work area prior to removal works.



Photo 14: Work area following removal works.



Photo 15: Work area prior to removal works.

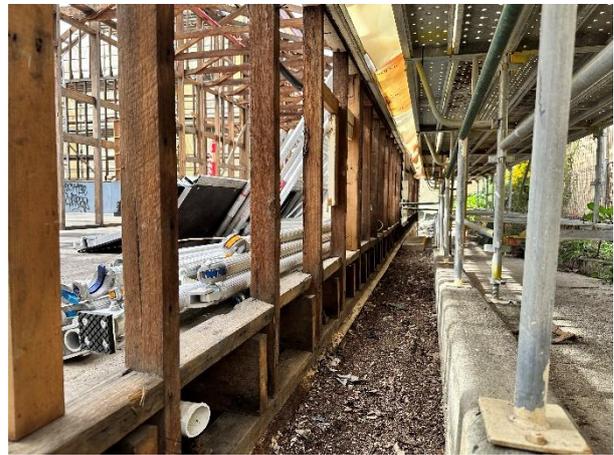


Photo 16: Work area following removal works.



Photo 17: Work area prior to removal works.

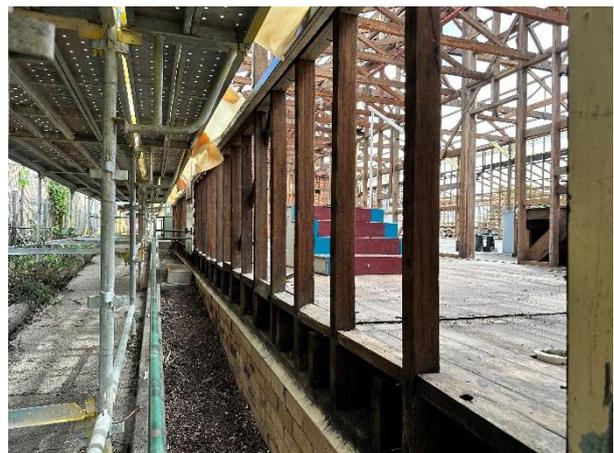


Photo 18: Work area following removal works.



Photo 19: Work area prior to removal works.



Photo 20: Work area following removal works.



Photo 21: Work area prior to removal works.



Photo 22: Work area following removal works.

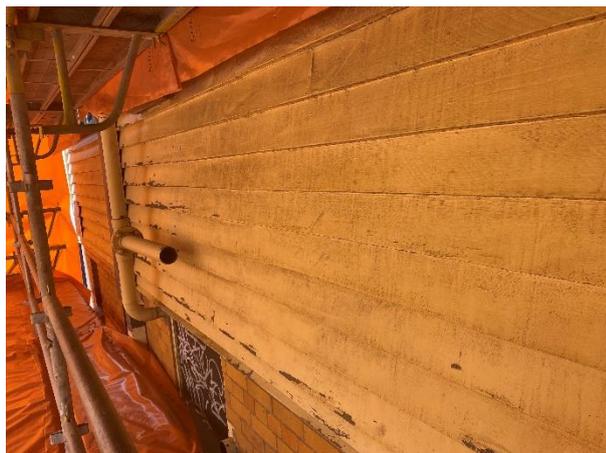


Photo 23: Work area prior to removal works.

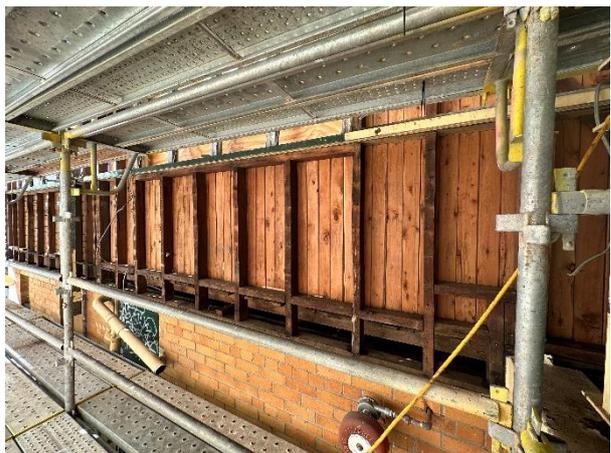


Photo 24: Work area following removal works.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

16th May 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST LCC 10052023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
Level 5, 12 Creek Street,
Brisbane QLD 4000 Australia
p: +61 7 3239 9300
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	12 th May 2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	16 th May 2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	10 th May 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Lead paint impacted wall sheeting to the external, east elevation of the first floor of the accommodation block building;
- Lead paint impacted horizontal timber cladding to the external, east elevation of the first floor of the accommodation block building; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing

materials which may be present at site were not included in this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 10th May 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

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This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.

From: [Smith, Laura1](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: 10th May 2023 - Interim Visual Clearance - Asbestos and Lead to External East Elevation - Accommodation Block Building
Date: Wednesday, 10 May 2023 9:31:17 AM
Attachments: [image001.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image002.png](#)

Hi Mick

Please consider this email an interim visual clearance dated 10th May 2023 pertaining removal of;

- asbestos containing and lead impacted wall sheeting to the external, east elevation of the first floor of the accommodation block building;
- lead paint impacted horizontal timber cladding to the external, east elevation of the first floor of the accommodation block building; and
- associated dust and debris to adjacent areas and scaffolding in the work area at 114 Newdegate St, Greenslopes QLD.

In summary the works were performed to a satisfactory standard and the work area is now suitable for reoccupation – Clearance Certificate to follow.

Regards,

Laura Smith, BSc (Hons), CoCA, LAA | Associate WHS Consultant
Business +61 7 3239 9311 | Mobile +61 402 767 769 | laura.smith1@tetrattech.com

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Artist: Chloe Little

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

26th May 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST LCC 25052023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998
 Brisbane QLD 4001

PREPARED BY

Tetra Tech Coffey Pty Ltd
 Level 5, 12 Creek Street,
 Brisbane QLD 4000 Australia
 p: +61 7 3239 9300
 ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	25/5/23	Steph Hall	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	31/05/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	Department of Veterans' Affairs, GPO Box 9998, Brisbane QLD 4001
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	25/05/2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd - 2308842
Inspected By:	Steph Hall – NSW LAA000162

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items, where accessible:

- Accommodation block, N & S elevations, lower walls, weatherboard timber panels, lead containing paint ~ 60 m².
- Associated dust and debris to surfaces adjacent to the work area, including scaffolding.

The following materials could not be removed, and will be removed at a later date:

- Accommodation block, south elevation, lower walls weatherboard timber panels, lead containing paint ~ 1 m². The lowest course of panels could not be removed as the ground level has been raised preventing access.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 25th May 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

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Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS

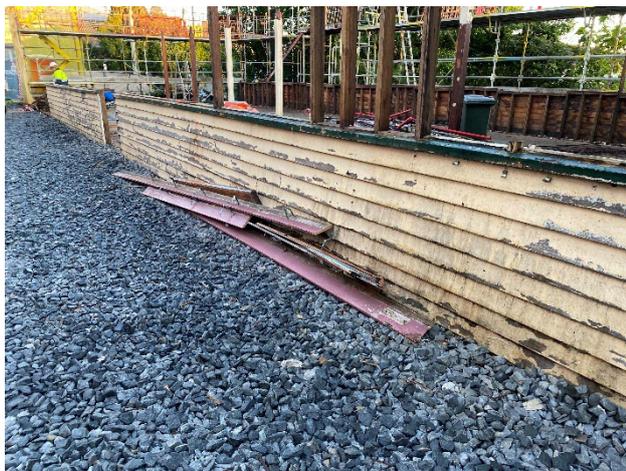


Photo 1: Work area prior to removal works, accommodation block, S lower wall.



Photo 2: Work area prior to removal works, accommodation block, N lower wall.



Photo 3: Site setup.



Photo 4: Work area following removal works, accommodation block, S lower wall.

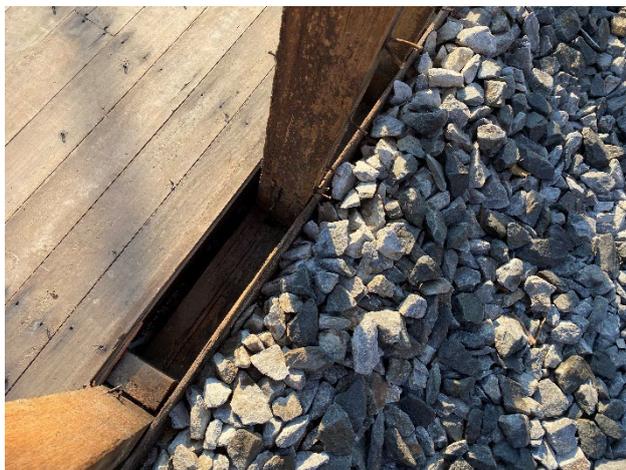


Photo 5: Work area following removal works, accommodation block, S lower wall.



Photo 6: Work area following removal works, accommodation block, N lower wall.



Photo 7: Work area following removal works, accommodation block, N lower wall.



Photo 8: Residual Lead containing paint - Accommodation block, S lower wall – lower course of weatherboard panels below ground level.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST LCC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
Level 5, 12 Creek Street,
Brisbane QLD 4000 Australia
p: +61 7 3239 9300
ABN 55 139 460 521

QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items from the accommodation block amenities, where accessible:

- Lead paint impacted cement sheeting and cover strips to external walls;
- Lead paint impacted horizontal timber cladding to external walls; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.



Photo 12: Work area following removal works.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST LCC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd
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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items from the accommodation block amenities, where accessible:

- Lead paint containing dust and debris to the ceiling void;
- Lead paint impacted masonite sheeting to internal ceilings;
- Lead paint impacted cement sheeting and cover strips to internal walls; and
- Associated dust and debris to surfaces adjacent to the work area.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing

materials which may be present at site were not included in this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.



Photo 12: Work area following removal works.

Lead Clearance Certificate

114 NEWDEGATE STREET, GREENSLOPES QLD

27th June 2023

Report reference number: 754-BNEEN282781-1 114 NEWDEGATE ST LCC 19062023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R01	Lead Clearance Certificate	27/06/2023	Laura Smith	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R01	1	PDF	Department of Veteran Affairs	27/06/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	19 th June 2023
Removal Contractor	ARQ – Asbestos Removal Queensland Pty Ltd
Inspected By:	Laura Smith – NTWS-AA-463856

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of the Department of Veteran Affairs to attend the above-mentioned site to conduct a clearance inspection as part of the scheduled removal of lead-containing material as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by the above-mentioned removal contractor at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2021* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring where required.

4. SCOPE OF LEAD REMOVAL WORKS

The remediation works at the site comprised the removal of the following items from the accommodation block amenities, where accessible:

- Lead paint impacted cement sheeting and cover strips to external walls;
- Lead paint impacted horizontal timber cladding to external walls; and
- Associated dust and debris to surfaces adjacent to the work area including scaffolding.

Please Note: This clearance certificate refers only to the area and materials outlined above, which will hereby be referred to as the 'work area'. Areas including but not limited to voids, wall cavities and subfloors which were not accessible at the time of inspection are excluded from this scope of works. Any other asbestos containing materials which may be present at site were not included in this scope of works. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 19th June 2023 and observed that the removal works had been satisfactorily completed, and no visible debris associated with the above listed removal works remained in the work area at the time of the inspection only.

6. CONCLUSION

Based on the findings of Tetra Tech's clearance inspection and the results returned from the air monitoring, it is Tetra Tech's opinion that the removal works conducted by the above-mentioned removal contractor have been completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in it's entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; Inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous are found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Work area prior to removal works.



Photo 2: Work area following removal works.



Photo 3: Work area prior to removal works.



Photo 4: Work area following removal works.



Photo 5: Work area prior to removal works.



Photo 6: Work area following removal works.



Photo 7: Work area prior to removal works.



Photo 8: Work area following removal works.



Photo 9: Work area prior to removal works.



Photo 10: Work area following removal works.



Photo 11: Work area prior to removal works.



Photo 12: Work area following removal works.

Lead Clearance Certificate

754-BNEEN282781-1 DVA GREENSLOPES REMEDIATION

114 NEWDEGATE STREET, GREENSLOPES QLD

8th August 2023

Report reference number: 754-BNEEN282781-1 DVA Greenslopes Remediation LCC Report 28072023

PREPARED FOR

Department of Veteran Affairs
 GPO Box 9998,
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PREPARED BY

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QUALITY INFORMATION

Revision history

Revision	Description	Date	Author	Reviewer	Approver
R00	Lead Clearance Certificate	02/08/2023	Todd Hastie	Richard Wilkinson	Richard Wilkinson

Distribution

Report Status	No. of copies	Format	Distributed to	Date
R00	1	PDF	Department of Veteran Affairs	08/08/2023

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APPENDICES

APPENDIX A: LIMITATIONS	3
APPENDIX B: PHOTOGRAPHS	4
APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE	5

1. SITE DETAILS

Client and Site Details

Client Company	Department of Veteran Affairs
Client Contact	Dave Binny
Client Address	–
Inspection Site (the site)	114 Newdegate Street, Greenslopes QLD
Inspection Date	28/07/2023
Removal Contractor	Enviropacific Services
Inspected By:	Todd Hastie (Supervised by Laura Smith NTWS-AA-463856)

2. OBJECTIVE

Tetra Tech Coffey Pty Ltd (Tetra Tech) was requested by Dave Binny of Department of Veteran Affairs to attend the above-mentioned site to conduct lead control air monitoring and associated clearance inspection as part of the of the environmental clean of concrete building stumps and removed sections of concrete slab as described in **Section 4** of this report.

The objective of this clearance inspection is to assess whether the works conducted by Enviropacific Services at the site have been complete to a satisfactory standard.

Please note that all activities and services provided by Tetra Tech are subject to the Scope and Limitations contained within this report.

3. METHODOLOGY

Consideration has been given to information provided in *AS/NZS 4361.2. 2017, Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings*, however *AS/NZS 4361.2. 2017* does not provide visual inspection guidance, therefore Tetra Tech's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection of the Code of Practice: How to Safely Remove Asbestos, 2019* and in accordance with in-house method WIFS3.

As part of the clearance process, Tetra Tech conducted a visual inspection and control air monitoring.

Air monitoring was conducted in accordance with *AS 3640–2009 Workplace atmospheres – Method for sampling and gravimetric determination of inhalable dust*. NATA (National Association of Testing Authorities, Australia) accredited analysis was carried out by Envirolab Services Pty Ltd using Method ID Metals-020/021/022 Determination of various metals on filters by ICP-AES/MS and or CV/AAS.

4. SCOPE OF WORKS

The remediation works at the site comprised the environmental clean of concrete building stumps and removed sections of concrete slab.

Please Note: This clearance certificate refers only to the area and materials outlined above at the time of the inspection, which will hereby be referred to as the 'work area'. This clearance does not cover the internal of the concrete and is specific to the surface area only. Any other lead dust/paint containing materials which may be present at site were not included in this scope of works.

5. RESULTS

5.1 VISUAL INSPECTION

Tetra Tech inspected the work area on the 28th July 2023 and observed that the environmental clean works to surface areas (only) had been satisfactorily completed, and no visible lead debris associated with the above listed works remained in the work area at the time of the inspection.

5.2 LEAD AIR MONITORING

Tetra Tech conducted control lead air monitoring adjacent to the work area during the removal works, in conjunction with a visual inspection within the work area upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix C). It is noted that the results of the air monitoring were all below the acknowledged background control action level of 0.03 mg/m³.

6. CONCLUSION

Based on the findings of Tetra Tech's visual clearance inspection and the results returned from the air monitoring analysis, it is Tetra Tech's opinion that the environmental clean works conducted by Enviropacific Services have been completed to a satisfactory standard.

APPENDIX A: LIMITATIONS

Tetra Tech has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Tetra Tech. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

Investigations have been based on inspections conducted in accordance with relevant guidelines and standards, and normal industry practice, having regard to the client instructions, and interpretations of conditions are based on the data from those inspections and, where relevant and conducted, testing. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected. However, there can be no guarantee that conditions at specific points not able to be inspected do not vary from the interpreted conditions based on the available observations/data.

In order to determine actual environmental conditions at specific intermediate points away from those observed/tested to date, those specific points would need to be inspected/tested.

It is also noted that sub-surface conditions can change with time, and the report is based on data that was gathered at the time of the report. Tetra Tech will not update the report and has not taken into account events occurring after the time its assessment was conducted.

This clearance certificate is not a confirmation that lead based paint and lead containing dust has been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 4** of this clearance certificate at the time of inspection and subject to the exclusions noted, including; inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other lead based paint and lead containing or contaminated materials which were not a part of this scope of works.

Should any other materials suspected to be hazardous be found at the site, then works should cease and a suitably trained hazardous materials hygienist should be engaged to sample the material.

APPENDIX B: PHOTOGRAPHS



Photo 1: Material prior to cleaning.



Photo 2: Material following cleaning.



Photo 3: Material prior to cleaning.



Photo 4: Material following cleaning.

APPENDIX C: NATA ACCREDITED LABORATORY CERTIFICATE

Section 5 - Enclosure Intergirty Certificates — Smoke Tests

This section contains the Enclosure Integrity Certificates and preliminary finding emails showing that the environment had been properly prepared for asbestos removal work.

From: [Cortes, Patricy](#)
To: [Mick Merriman](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#); [Binny, Dave](#)
Subject: Smoke test for Enclosure Integrity performed 27.2.2023
Date: Thursday, 9 March 2023 2:55:20 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image006.png](#)

Hi Mick,

Please consider this email a written confirmation that a smoke test was done to account for the integrity of the enclosure of the Main Hall Internal Area prior to commencement of the friable ACM and lead dust removal works at 114 Newdegate St, Greenslopes QLD, 27.2.2023.

In summary the enclosure was deemed suitable for the friable removal works – a Enclosure Smoke test Certificate will be issued for the relevant applicable date.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
Direct **+61 2 9406 1136** Mobile **+61 425 977 795** | patricy.cortes@tetrattech.com

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I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Enclosure Integrity Certificate – Smoke Test

144 NEWDEGATE STREET, GREENSLOPES QLD

27th February 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ENCLOSURE INTEGRITY CERTIFICATE 27022023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

Level 19, Tower B, Citadel Tower, 799 Pacific Highway
Chatswood

NSW 2067 Australia

p: +61 2 9406 1000

f: +61 2 9415 1678

ABN 55 139 460 521

Attention: Department of Veteran Affairs

Enclosure Area: Main Hall Internal Area, 114 Newdegate St, Greenslopes QLD

On 27th February 2023, Tetra Tech Coffey (Tetra Tech) conducted a smoke integrity test of the negatively pressurised enclosure located in the Main Hall Internal Area.

The enclosure was deemed suitable for the friable removal works to commence, under a continuously maintained negative pressure environment.

Kind Regards,



Patricy Cortes – WHS Consultant

LAA001543

From: [Cortes, Patricy](#)
To: [Mick Merriman](#); [Binny, Dave](#)
Cc: [Adrian Scott](#); [Wicks, Jeremy](#)
Subject: Smoke test for Enclosure Integrity performed 10.3.2023
Date: Friday, 10 March 2023 9:28:26 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image007.png](#)

Hi Mick/ Dave,

Please consider this email a written confirmation that a smoke test was done, to account for the integrity of the enclosure of the Main Hall Internal Area where the previous decontamination unit was placed, prior to commencement of the friable ACM and lead dust removal works in the area today, 10 March 2023, at 114 Newdegate St, Greenslopes QLD.

In summary the enclosure was deemed suitable for the friable removal works – a Enclosure Smoke test Certificate will be issued for the relevant applicable date.

Kind Regards,

Patricy Cortes BEnvSc | LAA | WHS & Hazardous Materials Consultant
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Please consider the environment before printing. [Read more](#)



I acknowledge the traditional people of the Bundjalung Nation on whose country I live and work. I pay my respects to their Elders past, present, emerging and future. Tetra Tech Coffey recognises Aboriginal and Torres Strait Islanders as the first peoples of Australia, and we respect their cultural heritage, traditional knowledge and customs associated with their ancestral lands and waters. Through this acknowledgement we commit to ongoing learning and understanding on our journey to reconciliation.

Artist: Chloe Little

Enclosure Integrity Certificate – Smoke Test

144 NEWDEGATE STREET, GREENSLOPES QLD

10th March 2023

Report reference number: 754-BNEEN282781 114 NEWDEGATE ST ENCLOSURE INTEGRITY CERTIFICATE 10032023

PREPARED FOR

Department of Veteran Affairs

PREPARED BY

Tetra Tech Coffey Pty Ltd

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Attention: Department of Veteran Affairs

Enclosure Area: Main Hall Internal Area – previous decontamination unit area, 114 Newdegate St, Greenslopes QLD

On 10th March 2023, Tetra Tech Coffey (Tetra Tech) conducted a smoke integrity test of the negatively pressurised enclosure located in the Main Hall Internal Area.

The enclosure was deemed suitable for the friable removal works to commence, under a continuously maintained negative pressure environment.

Kind Regards,



Patricy Cortes – WHS Consultant

LAA001543