Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-42-AM
Date of Report: 27/11/2018
Date of Monitoring: 26/11/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/206	Northern boundary fence	1	07:00	13:40	1.02	1.02	0	100	<0.01
40-8057/207	Southern section attached to tree	1	07:03	13:41	1.02	1.02	1	100	<0.01
40-8057/208	Western boundary fence	1	07:06	13:42	1.02	1.02	1	100	<0.01
40-8057/209	Eastern boundary fence	1	07:07	13:43	1.02	1.02	0	100	<0.01
40-8057/210	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-43-AM
Date of Report: 29/11/2018
Date of Monitoring: 27/11/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/211	Northern boundary fence	1	07:01	15:02	2.00	2.00	0	100	<0.01
40-8057/212	Southern section attached to tree	1	07:03	15:04	2.00	2.00	1	100	<0.01
40-8057/213	Western boundary fence	1	07:05	15:06	2.00	2.00	1	100	<0.01
40-8057/214	Eastern boundary fence	1	07:08	15:07	2.00	2.00	0	100	<0.01
40-8057/215	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-44-AM
Date of Report: 5/12/2018
Date of Monitoring: 3/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/216	Eastern boundary fence	1	07:00	16:09	1.02	1.02	0	100	<0.01
40-8057/217	Northern boundary fence	1	07:01	16:10	1.02	1.02	1	100	<0.01
40-8057/218	Eastern boundary fence	1	07:02	16:12	1.02	1.02	1	100	<0.01
40-8057/219	Southern section attached to tree	1	07:03	16:13	1.02	1.02	0	100	<0.01
40-8057/220	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-45-AM
Date of Report: 8/12/2018
Date of Monitoring: 4/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Harrison Blake
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/221	Eastern boundary fence	5	07:11	15:01	0.98	0.98	0	100	<0.01
40-8057/222	Northern boundary fence	5	07:12	15:04	0.98	0.98	1	100	<0.01
40-8057/223	Eastern boundary fence	5	07:14	15:05	0.98	0.98	0	100	<0.01
40-8057/224	Southern section attached to tree	5	07:15	15:06	0.98	0.98	1	100	<0.01
40-8057/225	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-46-AM
Date of Report: 8/12/2018
Date of Monitoring: 5/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/226	Eastern boundary fence	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/227	Northern boundary fence	1	07:02	15:06	0.98	0.98	1	100	<0.01
40-8057/228	Eastern boundary fence	1	07:03	15:07	0.98	0.98	1	100	<0.01
40-8057/229	Southern section attached to tree	1	07:04	15:09	0.98	0.98	0	100	<0.01
40-8057/230	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-47-AM
Date of Report: 8/12/2018
Date of Monitoring: 6/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/231	Eastern boundary fence	1	07:00	14:00	1.02	1.02	1	100	<0.01
40-8057/232	Northern boundary fence	1	07:01	14:03	1.02	1.02	0	100	<0.01
40-8057/233	Eastern boundary fence	1	07:03	14:10	1.02	1.02	1	100	<0.01
40-8057/234	Southern section attached to picket	1	07:04	14:12	1.02	1.02	0	100	<0.01
40-8057/235	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-48-AM
Date of Report: 13/12/2018
Date of Monitoring: 10/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/236	Eastern boundary fence	1	07:03	14:00	1.02	1.02	0	100	<0.01
40-8057/237	Northern boundary fence	1	07:05	14:05	1.02	1.02	0	100	<0.01
40-8057/238	Western boundary fence	1	07:09	14:06	1.02	1.02	1	100	<0.01
40-8057/239	Southern section attached to picket	1	07:10	14:09	1.02	1.02	0	100	<0.01
40-8057/240	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-49-AM
Date of Report: 13/12/2018
Date of Monitoring: 11/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/241	Eastern boundary fence	1	07:04	15:28	1.02	1.02	1	100	<0.01
40-8057/242	Northern boundary fence	1	07:06	15:29	1.02	1.02	1	100	<0.01
40-8057/243	Western boundary fence	1	07:09	15:30	1.02	1.02	0	100	<0.01
40-8057/244	Southern section attached to picket	1	07:10	15:32	1.02	1.02	0	100	<0.01
40-8057/245	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-50-AM
Date of Report: 13/12/2018
Date of Monitoring: 12/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/246	Eastern boundary fence	1	07:12	15:02	1.02	1.02	0	100	<0.01
40-8057/247	Northern boundary fence	1	07:15	15:04	1.02	1.02	1	100	<0.01
40-8057/248	Western boundary fence	1	07:16	15:05	1.02	1.02	0	100	<0.01
40-8057/249	Southern section attached to picket	1	07:17	15:08	1.02	1.02	1	100	<0.01
40-8057/250	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-51-AM
Date of Report: 19/12/2018
Date of Monitoring: 18/12/2018
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/251	Southern section attached to picket	1	07:00	16:00	1.02	1.02	0	100	<0.01
40-8057/252	Western boundary fence	1	07:01	16:02	1.02	1.02	1	100	<0.01
40-8057/253	Northern boundary fence	1	07:02	16:04	1.02	1.02	0	100	<0.01
40-8057/254	Eastern boundary fence	1	07:03	16:05	1.02	1.02	0	100	<0.01
40-8057/255	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-52-AM
Date of Report: 1/2/2019
Date of Monitoring: 30/1/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/256	Southern boundary fence, central section	1	07:01	15:05	1.02	1.02	0	100	<0.01
40-8057/257	Eastern side of site attached to tree	1	07:03	15:10	1.02	1.02	1	100	<0.01
40-8057/258	Northern boundary fence, eastern section	1	07:05	15:09	1.02	1.02	1	100	<0.01
40-8057/259	Western boundary fence, southern section	1	07:07	15:03	1.02	1.02	0	100	<0.01
40-8057/260	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-53-AM
Date of Report: 5/2/2019
Date of Monitoring: 31/1/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/261	Southern boundary fence	1	07:03	15:30	0.98	0.98	0	100	<0.01
40-8057/262	Eastern boundary fence	1	07:04	15:32	0.98	0.98	1	100	<0.01
40-8057/263	Northern boundary fence, eastern section	1	07:05	15:34	0.98	0.98	1	100	<0.01
40-8057/264	Western boundary fence, southern section	1	07:01	15:35	0.98	0.98	0	100	<0.01
40-8057/265	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-54-AM
Date of Report: 4/2/2019
Date of Monitoring: 1/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/266	Southern boundary fence	1	07:01	15:03	1.02	1.02	0	100	<0.01
40-8057/267	Eastern boundary fence	1	07:03	15:05	1.02	1.02	1	100	<0.01
40-8057/268	Northern boundary fence, eastern section	1	07:05	15:07	1.02	1.02	1	100	<0.01
40-8057/269	Western boundary fence, southern section	1	07:07	15:09	1.02	1.02	1	100	<0.01
40-8057/270	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-55-AM
Date of Report: 5/2/2019
Date of Monitoring: 4/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/271	Southern boundary fence, central section	1	07:15	15:29	0.98	0.98	0	100	<0.01
40-8057/272	Eastern boundary fence, southern section	1	07:17	15:31	0.98	0.98	2	100	<0.01
40-8057/273	Northern boundary fence, eastern section	1	07:11	15:33	0.98	0.98	1	100	<0.01
40-8057/274	Western boundary fence, southern section	1	07:13	15:35	0.98	0.98	0	100	<0.01
40-8057/275	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-56-AM
Date of Report: 6/2/2019
Date of Monitoring: 5/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/276	Southern boundary fence, central section	1	07:15	15:19	0.98	0.98	0	100	<0.01
40-8057/277	Eastern boundary fence, southern section	1	07:17	15:17	0.98	0.98	1	100	<0.01
40-8057/278	Northern boundary fence, eastern section	1	07:19	15:13	0.98	0.98	1	100	<0.01
40-8057/279	Western boundary fence, southern section	1	07:21	15:15	0.98	0.98	0	100	<0.01
40-8057/280	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-57-AM
Date of Report: 7/2/2019
Date of Monitoring: 6/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/281	Southern boundary fence, central section	1	07:05	13:57	0.98	0.98	0	100	<0.01
40-8057/282	Eastern boundary fence, southern section	1	07:07	13:59	0.98	0.98	1	100	<0.01
40-8057/283	Northern boundary fence, eastern section	1	07:09	14:01	0.98	0.98	1	100	<0.01
40-8057/284	Western boundary fence, southern section	1	07:03	13:55	0.98	0.98	0	100	<0.01
40-8057/285	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-58-AM
Date of Report: 8/2/2019
Date of Monitoring: 7/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample 286: Pump stolen from site.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/286	Southern boundary fence, central section	1	07:09		2.03	0.00	0	100	Reject
40-8057/287	Eastern boundary fence, southern section	1	07:11	14:59	2.03	2.03	0	100	<0.01
40-8057/288	Northern boundary fence, eastern section	1	07:13	15:01	2.03	2.03	1	100	<0.01
40-8057/289	Western boundary fence, southern section	1	07:07	14:55	2.03	2.03	1	100	<0.01
40-8057/290	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA WORLD RECOGNISED ACCREDITATION

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-59-AM
Date of Report: 11/2/2019
Date of Monitoring: 8/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/291	Northern shipping container adjacent to northern boundary fence, southern facing side	1	07:15	14:35	2.03	2.03	1	100	<0.01
40-8057/292	Western boundary fence, central section	1	07:17	14:37	2.03	2.03	0	100	<0.01
40-8057/293	Southern boundary fence, western section	1	07:19	14:39	2.03	2.03	1	100	<0.01
40-8057/294	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-60-AM
Date of Report: 14/2/2019
Date of Monitoring: 12/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/295	Eastern boundary fence, northern section	1	06:57	13:59	0.98	0.98	2	100	<0.01
40-8057/296	Northern shipping container adjacent to northern boundary fence, southern side	1	06:59	14:01	0.98	0.98	1	100	<0.01
40-8057/297	Western boundary fence, central section	1	07:01	14:03	0.98	0.98	2	100	<0.01
40-8057/298	Southern boundary fence, western section	1	07:03	14:05	0.98	0.98	1	100	<0.01
40-8057/299	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-61-AM
Date of Report: 18/2/2019
Date of Monitoring: 14/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/300	Eastern boundary fence, northern section	1	07:05	15:05	2.03	2.03	0	100	<0.01
40-8057/301	Northern shipping container adjacent to northern boundary fence, southern side	1	07:07	15:07	2.03	2.03	1	100	<0.01
40-8057/302	Western boundary fence, central section	1	07:09	15:09	2.03	2.03	0	100	<0.01
40-8057/303	Southern boundary fence, western section	1	07:11	15:11	2.03	2.03	0	100	<0.01
40-8057/304	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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1300 042 962

Report Number: 40-8057-62-AM
Date of Report: 18/2/2019
Date of Monitoring: 15/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/305	Eastern boundary fence, northern section	1	07:07	14:45	2.03	2.03	0	100	<0.01
40-8057/306	Northern shipping container adjacent to northern boundary fence, southern side	1	07:09	14:47	2.03	2.03	1	100	<0.01
40-8057/307	Western boundary fence, central section	1	07:11	14:49	2.03	2.03	1	100	<0.01
40-8057/308	Southern boundary fence, western section	1	07:05	14:51	2.03	2.03	0	100	<0.01
40-8057/309	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-63-AM
Date of Report: 19/2/2019
Date of Monitoring: 18/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/310	Eastern boundary fence, northern section	1	07:03	15:01	2.03	2.03	0	100	<0.01
40-8057/311	Northern shipping container adjacent to northern boundary fence, southern side	1	07:05	15:03	2.03	2.03	1	100	<0.01
40-8057/312	Western boundary fence, central section	1	07:07	15:05	2.03	2.03	1	100	<0.01
40-8057/313	Southern boundary fence, western section	1	07:09	15:07	2.03	2.03	0	100	<0.01
40-8057/314	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-64-AM
Date of Report: 20/2/2019
Date of Monitoring: 19/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/315	Northern boundary fence, eastern section	1	07:05	15:03	2.03	2.03	0	100	<0.01
40-8057/316	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:09	15:07	2.03	2.03	1	100	<0.01
40-8057/317	Eastern boundary fence, southern section	1	07:11	15:09	2.03	2.03	1	100	<0.01
40-8057/318	Western boundary fence, southern section	1	07:07	15:05	2.03	2.03	0	100	<0.01
40-8057/319	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-65-AM
Date of Report: 21/2/2019
Date of Monitoring: 20/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Nathan Crouch

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/320	Northern boundary fence, eastern section	1	07:27	15:21	2.03	2.03	0	100	<0.01
40-8057/321	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:23	15:17	2.03	2.03	0	100	<0.01
40-8057/322	Eastern boundary fence, southern section	1	07:25	15:19	2.03	2.03	1	100	<0.01
40-8057/323	Western boundary fence, southern section	1	07:21	15:15	2.03	2.03	1	100	<0.01
40-8057/324	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-66-AM
Date of Report: 22/2/2019
Date of Monitoring: 21/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/325	Northern boundary fence, eastern section	1	07:27	15:13	2.03	2.03	0	100	<0.01
40-8057/326	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:23	15:06	2.03	2.03	0	100	<0.01
40-8057/327	Eastern boundary fence, southern section	1	07:25	15:07	2.03	2.03	1	100	<0.01
40-8057/328	Western boundary fence, southern section	1	07:21	15:03	2.03	2.03	1	100	<0.01
40-8057/329	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-67-AM
Date of Report: 25/2/2019
Date of Monitoring: 22/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Gonzalo Serna
Approved Counter: Nathan Crouch
Approved Signatory: Nathan Crouch

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/330	Northern boundary fence, eastern section	1	07:11	15:01	0.98	0.98	0	100	<0.01
40-8057/331	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:13	15:03	0.98	0.98	1	100	<0.01
40-8057/332	Eastern boundary fence, southern section	1	07:15	15:05	0.98	0.98	1	100	<0.01
40-8057/333	Western boundary fence, southern section	1	07:17	15:07	0.98	0.98	0	100	<0.01
40-8057/334	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-68-AM
Date of Report: 26/2/2019
Date of Monitoring: 25/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/335	Northern boundary fence, eastern section	1	07:11	15:07	2.03	2.03	0	100	<0.01
40-8057/336	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:07	15:03	2.03	2.03	1	100	<0.01
40-8057/337	Eastern boundary fence, southern section	1	07:09	15:05	2.03	2.03	1	100	<0.01
40-8057/338	Western boundary fence, southern section	1	07:05	15:01	2.03	2.03	0	100	<0.01
40-8057/339	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-69-AM
Date of Report: 27/2/2019
Date of Monitoring: 26/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/340	Northern boundary fence, eastern section	1	07:19	15:01	2.03	2.03	0	100	<0.01
40-8057/341	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:15	14:57	2.03	2.03	1	100	<0.01
40-8057/342	Eastern boundary fence, southern section	1	07:17	14:59	2.03	2.03	1	100	<0.01
40-8057/343	Western boundary fence, southern section	1	07:13	14:55	2.03	2.03	0	100	<0.01
40-8057/344	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-70-AM
Date of Report: 28/2/2019
Date of Monitoring: 27/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/345	Northern boundary fence, eastern section	1	07:15	15:01	2.03	2.03	0	100	<0.01
40-8057/346	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:11	14:57	2.03	2.03	1	100	<0.01
40-8057/347	Eastern boundary fence, southern section	1	07:13	14:59	2.03	2.03	1	100	<0.01
40-8057/348	Western boundary fence, southern section	1	07:09	14:55	2.03	2.03	2	100	<0.01
40-8057/349	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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WORLD RECOGNISED ACCREDITATION

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-71-AM
Date of Report: 1/3/2019
Date of Monitoring: 28/2/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/350	Northern boundary fence, eastern section	1	07:15	15:09	2.03	2.03	0	100	<0.01
40-8057/351	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:11	15:05	2.03	2.03	0	100	<0.01
40-8057/352	Eastern boundary fence, southern section	1	07:13	15:07	2.03	2.03	0	100	<0.01
40-8057/353	Western boundary fence, southern section	1	07:09	15:03	2.03	2.03	0	100	<0.01
40-8057/354	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-72-AM
Date of Report: 4/3/2019
Date of Monitoring: 1/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/355	Northern boundary fence, eastern section	1	07:15	14:49	2.03	2.03	0	100	<0.01
40-8057/356	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:11	14:45	2.03	2.03	1	100	<0.01
40-8057/357	Eastern boundary fence, southern section	1	07:13	14:47	2.03	2.03	1	100	<0.01
40-8057/358	Western boundary fence, southern section	1	07:09	14:43	2.03	2.03	0	100	<0.01
40-8057/359	Field blank	6					0	100	N/A

** Concentration in Fibres/mL of air

* Sample Codes:

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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WORLD RECOGNISED ACCREDITATION

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-73-AM
Date of Report: 5/3/2019
Date of Monitoring: 4/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/360	Northern boundary fence, eastern section	1	07:09	15:03	2.03	2.03	0	100	<0.01
40-8057/361	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:05	14:55	2.03	2.03	1	100	<0.01
40-8057/362	Eastern boundary fence, southern section	1	07:07	14:57	2.03	2.03	1	100	<0.01
40-8057/363	Western boundary fence, southern section	1	07:03	14:59	2.03	2.03	0	100	<0.01
40-8057/364	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

***** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-74-AM
Date of Report: 6/3/2019
Date of Monitoring: 5/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/365	Northern boundary fence, eastern section	1	07:17	15:08	2.03	2.03	0	100	<0.01
40-8057/366	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:13	15:04	2.03	2.03	1	100	<0.01
40-8057/367	Eastern boundary fence, southern section	1	07:15	15:05	2.03	2.03	0	100	<0.01
40-8057/368	Western boundary fence, southern section	1	07:11	15:03	2.03	2.03	0	100	<0.01
40-8057/369	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

***** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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1300 042 962

Report Number: 40-8057-75-AM
Date of Report: 7/3/2019
Date of Monitoring: 6/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Gonzalo Serna Diaz
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/370	Northern boundary fence, eastern section	1	07:00	15:08	0.98	0.98	0	100	<0.01
40-8057/371	Southern shipping container adjacent to southern boundary fence, northern facing side	1	07:01	15:04	0.98	0.98	1	100	<0.01
40-8057/372	Eastern boundary fence, southern section	1	07:02	15:05	0.98	0.98	1	100	<0.01
40-8057/373	Western boundary fence, southern section	1	07:03	15:02	0.98	0.98	0	100	<0.01
40-8057/374	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
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1300 042 962

Report Number: 40-8057-76-AM
Date of Report: 8/3/2019
Date of Monitoring: 7/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/375	Northern boundary fence, eastern section	1	07:21	14:19	2.03	2.03	0	100	<0.01
40-8057/376	Pickett adjacent to southern boundary fence, central section	1	07:17	14:16	2.03	2.03	1	100	<0.01
40-8057/377	Eastern boundary fence, southern section	1	07:19	14:15	2.03	2.03	1	100	<0.01
40-8057/378	Western boundary fence, southern section	1	07:14	14:14	2.03	2.03	0	100	<0.01
40-8057/379	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

***** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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Report Number: 40-8057-77-AM
Date of Report: 11/3/2019
Date of Monitoring: 8/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/380	Northern boundary fence, eastern section	1	07:19	15:21	2.03	2.03	0	100	<0.01
40-8057/381	Pickett adjacent to southern boundary fence, central section	1	07:12	15:14	2.03	2.03	1	100	<0.01
40-8057/382	Eastern boundary fence, southern section	1	07:14	15:15	2.03	2.03	1	100	<0.01
40-8057/383	Western boundary fence, southern section	1	07:09	15:12	2.03	2.03	0	100	<0.01
40-8057/384	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-78-AM
Date of Report: 13/3/2019
Date of Monitoring: 11/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Nathan Shaw
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/385	Northern boundary fence, eastern section	1	07:19	15:31	1.96	1.96	0	100	<0.01
40-8057/386	Eastern boundary fence, southern section	1	07:13	15:13	1.96	1.96	1	100	<0.01
40-8057/387	Western boundary fence, southern section	1	07:11	15:33	1.96	1.96	0	100	<0.01
40-8057/388	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-79-AM
Date of Report: 13/3/2019
Date of Monitoring: 12/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Nathan Shaw
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/389	Northern boundary fence, eastern section	1	07:21	15:41	1.96	1.96	0	100	<0.01
40-8057/390	Eastern boundary fence, southern section	1	07:15	15:37	1.96	1.96	1	100	<0.01
40-8057/391	Western boundary fence, southern section	1	07:13	15:35	1.96	1.96	0	100	<0.01
40-8057/392	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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1300 042 962

Report Number: 40-8057-80-AM
Date of Report: 14/3/2019
Date of Monitoring: 13/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Nathan Shaw
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/393	Northern boundary fence, eastern section	5	07:33	14:38	1.96	1.96	0	100	<0.01
40-8057/394	Eastern boundary fence, southern section	5	07:49	14:31	1.96	1.96	1	100	<0.01
40-8057/395	Western boundary fence, southern section	5	07:46	14:29	1.96	1.96	0	100	<0.01
40-8057/396	Southern shipping container, northern door	5	07:51	14:30	1.96	1.96	1	100	<0.01
40-8057/397	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-81-AM
Date of Report: 18/3/2019
Date of Monitoring: 15/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/398	Northern boundary fence, eastern section	5	07:01	15:00	1.02	1.02	0	100	<0.01
40-8057/399	Eastern boundary fence, southern section	5	07:02	15:01	1.02	1.02	1	100	<0.01
40-8057/400	Western boundary fence, southern section	5	07:04	15:03	1.02	1.02	1	100	<0.01
40-8057/401	Southern shipping container, northern door	5	07:05	15:04	1.02	1.02	0	100	<0.01
40-8057/402	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

***** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-82-AM
Date of Report: 19/3/2019
Date of Monitoring: 18/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/403	Northern boundary fence, eastern section	5	07:15	15:18	2.03	2.03	0	100	<0.01
40-8057/404	Eastern boundary fence, southern section	5	07:09	15:12	2.03	2.03	1	100	<0.01
40-8057/405	Western boundary fence, southern section	5	07:05	15:10	2.03	2.03	0	100	<0.01
40-8057/406	Southern shipping container, northern door	5	07:07	15:11	2.03	2.03	1	100	<0.01
40-8057/407	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-83-AM
Date of Report: 21/3/2019
Date of Monitoring: 19/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Michael Fernandez
Approved Signatory: Michael Fernandez

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/408	Northern boundary fence, eastern section	5	07:14	15:20	2.03	2.03	0	100	<0.01
40-8057/409	Eastern boundary fence, southern section	5	07:09	15:14	2.03	2.03	0	100	<0.01
40-8057/410	Western boundary fence, southern section	5	07:01	15:12	2.03	2.03	1	100	<0.01
40-8057/411	Southern shipping container, northern door	5	07:04	15:13	2.03	2.03	0	100	<0.01
40-8057/412	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-84-AM
Date of Report: 21/3/2019
Date of Monitoring: 20/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Michael Fernandez

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/413	Northern boundary fence, eastern section	5	07:14	14:53	2.03	2.03	0	100	<0.01
40-8057/414	Eastern boundary fence, southern section	5	07:07	14:48	2.03	2.03	1	100	<0.01
40-8057/415	Western boundary fence, southern section	5	07:03	14:46	2.03	2.03	0	100	<0.01
40-8057/416	Southern shipping container, northern door	5	07:05	14:47	2.03	2.03	1	100	<0.01
40-8057/417	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
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Report Number: 40-8057-85-AM
Date of Report: 22/3/2019
Date of Monitoring: 21/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/418	Northern boundary fence, eastern section	5	07:21	15:23	2.03	2.03	0	100	<0.01
40-8057/419	Eastern boundary fence, southern section	5	07:13	15:16	2.03	2.03	0	100	<0.01
40-8057/420	Western boundary fence, southern section	5	07:09	15:17	2.03	2.03	1	100	<0.01
40-8057/421	Southern pickett adjacent to southern boundary fence	5	07:11	15:15	2.03	2.03	1	100	<0.01
40-8057/422	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-86-AM
Date of Report: 25/3/2019
Date of Monitoring: 22/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/423	Northern boundary fence, eastern section	5	07:25	15:15	2.03	2.03	1	100	<0.01
40-8057/424	Eastern boundary fence, southern section	5	07:19	15:07	2.03	2.03	0	100	<0.01
40-8057/425	Western boundary fence, southern section	5	07:15	15:09	2.03	2.03	1	100	<0.01
40-8057/426	Southern pickett adjacent to southern boundary fence	5	07:17	15:11	2.03	2.03	0	100	<0.01
40-8057/427	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-87-AM
Date of Report: 27/3/2019
Date of Monitoring: 26/3/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Chris O'Gorman
Sampled By: Nathan Shaw
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/428	Western boundary fence, southern section	5	07:19	15:04	1.96	1.96	0	100	<0.01
40-8057/429	Eastern boundary fence, southern section	5	07:21	15:05	1.96	1.96	1	100	<0.01
40-8057/430	Southern shipping container, northern door	5	07:23	15:06	1.96	1.96	0	100	<0.01
40-8057/431	Northern boundary fence, eastern section	5	07:29	15:12	1.96	1.96	1	100	<0.01
40-8057/432	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-88-AM
Date of Report: 9/4/2019
Date of Monitoring: 5/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Riley East
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/433	Eastern boundary fence, central side	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/434	Eastern boundary fence, northen side	1	07:01	15:01	0.98	0.98	0	100	<0.01
40-8057/435	Western boundary fence, control shed	1	07:02	15:02	0.98	0.98	0	100	<0.01
40-8057/436	Western boundary fence, northen side	1	07:03	15:03	0.98	0.98	0	100	<0.01
40-8057/437	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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Report Number: 40-8057-89-AM
Date of Report: 10/4/2019
Date of Monitoring: 8/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Riley East
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/438	Eastern boundary fence, central side	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/439	Eastern boundary fence, northen side	1	07:01	15:01	0.98	0.98	0	100	<0.01
40-8057/440	Western boundary fence, control shed	1	07:02	15:02	0.98	0.98	0	100	<0.01
40-8057/441	Western boundary fence, northen side	1	07:03	15:03	0.98	0.98	0	100	<0.01
40-8057/442	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-90-AM
Date of Report: 10/4/2019
Date of Monitoring: 9/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Riley East
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/443	Eastern boundary fence, central side	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/444	Eastern boundary fence, northen side	1	07:01	15:01	0.98	0.98	1	100	<0.01
40-8057/445	Western boundary fence, control shed	1	07:02	15:02	0.98	0.98	1	100	<0.01
40-8057/446	Western boundary fence, northen side	1	07:03	15:03	0.98	0.98	0	100	<0.01
40-8057/447	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

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1300 042 962

Report Number: 40-8057-91-AM
Date of Report: 11/4/2019
Date of Monitoring: 10/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/448	Eastern boundary fence, central side	1	07:05	15:23	0.98	0.98	0	100	<0.01
40-8057/449	Eastern boundary fence, northen side	1	07:07	15:25	0.98	0.98	2	100	<0.01
40-8057/450	Western boundary fence, control shed	1	07:01	15:19	0.98	0.98	0	100	<0.01
40-8057/451	Western boundary fence, northen side	1	07:03	15:21	0.98	0.98	1	100	<0.01
40-8057/452	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-92-AM
Date of Report: 12/4/2019
Date of Monitoring: 11/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/453	Eastern boundary fence, central side	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/454	Eastern boundary fence, northen side	1	07:01	15:01	0.98	0.98	0	100	<0.01
40-8057/455	Western boundary fence, control shed	1	07:02	15:02	0.98	0.98	0	100	<0.01
40-8057/456	Western boundary fence, northen side	1	07:03	15:03	0.98	0.98	0	100	<0.01
40-8057/457	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-93-AM
Date of Report: 15/4/2019
Date of Monitoring: 12/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/458	Eastern boundary fence, central side	1	07:00	15:00	0.98	0.98	0	100	<0.01
40-8057/459	Eastern boundary fence, northen side	1	07:01	15:01	0.98	0.98	0	100	<0.01
40-8057/460	Western boundary fence, control shed	1	07:02	15:02	0.98	0.98	0	100	<0.01
40-8057/461	Western boundary fence, northen side	1	07:03	15:03	0.98	0.98	0	100	<0.01
40-8057/462	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-94-AM
Date of Report: 16/4/2019
Date of Monitoring: 15/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/463	Eastern boundary fence, central side	1	09:06	15:00	2.03	2.03	0	100	<0.01
40-8057/464	Eastern boundary fence, northen side	1	09:02	15:01	2.03	2.03	1	100	<0.01
40-8057/465	Western boundary fence, control shed	1	08:56	15:02	2.03	2.03	1	100	<0.01
40-8057/466	Western boundary fence, northen side	1	08:58	15:03	2.03	2.03	1	100	<0.01
40-8057/467	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
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info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-95-AM
Date of Report: 18/4/2019
Date of Monitoring: 16/4/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Gonzalo Serna Diaz
Approved Counter: Luke Heckenberg
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.
Fibre Count by Riley East; Checked by Luke Heckenberg.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/468	Eastern boundary fence, central side	1	07:04	15:03	0.98	0.98	0	100	<0.01
40-8057/469	Eastern boundary fence, northen side	1	07:03	15:02	0.98	0.98	0	100	<0.01
40-8057/470	Western boundary fence, control shed	1	07:01	14:58	0.98	0.98	1	100	<0.01
40-8057/471	Western boundary fence, northen side	1	07:02	14:59	0.98	0.98	0	100	<0.01
40-8057/472	Field Blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-96-AM
Date of Report: 3/5/2019
Date of Monitoring: 2/5/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Daniel Fortunato
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/473	Southern corner of exclusion zone attached to blue bin	1	07:30	16:30	1.02	1.02	0	100	<0.01
40-8057/474	Eastern corner of site attached to window frame of shed	1	07:31	16:31	1.02	1.02	1	100	<0.01
40-8057/475	Northeastern corner of site attached to fence	1	07:32	16:32	1.02	1.02	0	100	<0.01
40-8057/476	Western corner of exclusion zone attached to fence	1	07:33	16:33	1.02	1.02	1	100	<0.01
40-8057/477	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

Air Monitoring Certificate

Clearsafe Environmental Solutions Pty Ltd
1/185 Berkeley Road, Unanderra NSW 2526
info@clearsafe.com.au
1300 042 962

Report Number: 40-8057-97-AM
Date of Report: 6/5/2019
Date of Monitoring: 3/5/2019
Site Address: 1901 Botany Rd
Matraville NSW 2036
Client Name: Macquarie Projects Group Pty Ltd
Client Address: Level 5, 4 Columbia Court, Norwest Business Park
Baulkham Hills NSW 2153

Client Contact: Peter Robinson
Sampled By: Steven Gomes
Approved Counter: Nathan Crouch
Approved Signatory: Luke Heckenberg

Test Method: Airborne fibre monitoring in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC:3003(2005)] and Clearsafe method SOP.AM.01.

Notes: The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

Sample Number	Location	Code*	Time On	Time Off	Airflow On	Airflow Off	Fibres	Fields	Conc.**
40-8057/478	External, control shed adjacent to western boundary fence	1	07:12	16:01	0.98	0.98	0	100	<0.01
40-8057/479	Western boundary fence, northern section	1	07:15	16:03	0.98	0.98	1	100	<0.01
40-8057/480	Northern boundary fence, central section	1	07:20	16:06	0.98	0.98	0	100	<0.01
40-8057/481	Eastern boundary fence, northern section	1	07:23	16:08	0.98	0.98	0	100	<0.01
40-8057/482	Field blank	6					0	100	N/A

**** Concentration in Fibres/mL of air**

*** Sample Codes:**

1 - Asbestos removal
2 - Bag-out
3 - Enclosure dismantling
4 - Clearance
5 - Background
6 - Blank Sample
7 - Fibre Count Only
8 - Personal monitoring

NATA Accredited Laboratory No. 18542

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

ATTACHMENT E

Asbestos Clearance Certificate

Clearsafe Environmental Solutions Pty Ltd
Office 45, Level 23, Tower 1, 520 Oxford Street, Bondi Junction NSW 2026
sydney@clearsafe.com.au
02 8880 0550

Report Number: 40-8057-01-CL
Date of Report: 24/5/2019
Date of Inspection: 22/5/2019

Client: Macquarie Projects Group Pty Ltd
Client Contact: Peter Robinson
Client Address: Level 5, 4 Columbia Court, Norwest Business Park, Baulkham Hills NSW 2153
Site Address: 1901 Botany Rd, Matraville NSW 2036

Scope of Work:

Emu pick and soil scrape of asbestos-contaminated ground surfaces from nominated locations to Lot 1 DP219847 within the development site located at 1901 Botany Rd, Matraville NSW 2036.

Area(s) Inspected:

Visible and accessible ground surfaces to the south eastern corner of the development site, Lot 1 DP219847, within an area approximately 50m x 20m and centrally located at approximate coordinates (WGS84) -33.966569,151.228492.

Inspection Details:

It is the opinion of the inspector that as far as reasonably practicable the current scope of work has been completed to a satisfactory industry standard. Residual / remnant asbestos containing material (ACM) associated with the current scope of work was not identified within the area(s) inspected at the time of inspection. Based on the observations made at the time of inspection, with regard to asbestos, the area(s) inspected are considered safe for future works.

Asbestos validation sampling was conducted by Geo-Logix Pty Ltd on the 11th of April 2019, whereby 10 soil samples were collected within the assessed area. No asbestos was detected within these 10 samples.

Notes and Limitations:

Grass / dense vegetation was observed within the area inspected. Grass / dense vegetation can obscure the ground surface and therefore severely limits the accuracy of any visual inspection. For added assurance, remove all ground cover and have the area reinspected.

If any other material suspected of containing asbestos is identified in the future, stop work immediately, restrict access to the impacted area and contact Clearsafe for further advice.

All work is conducted in a conscientious and professional manner, with due diligence and appropriate care. However due to the disproportionate cost of potential damages or liability relative to the cost of our services, Clearsafe cannot offer any guarantee that all hazards have been identified. Subsequently, Clearsafe's liability to the client or any other party resulting from the performance or non-performance of the service, whether under contract law, tort law or otherwise, is limited to a maximum of up to five (5) times the total fee excluding expenses.

Clearsafe reports are not to be reproduced or reviewed except in full. All reports are prepared for a particular client's objective, and therefore should not be used by any third party as a basis for future decision-making.

This certificate describes the observed conditions within the areas inspected at the time of inspection. Site conditions may change with future site activities, and therefore this certificate must not be considered accurate beyond the time of inspection.

The scope of the current commission was limited to the area inspected. Therefore this report does not constitute a thorough site survey for Asbestos. Unless specifically noted, this report expressly excludes any Asbestos contamination within soil, ground surfaces, soil surfaces, stockpiles of material, or other similar surfaces.

Inspections are inherently subject to limitations. Multiple factors can result in asbestos residue contamination becoming visible on surfaces where during the inspection it was not. Materials can be disturbed during future work, materials can be brought into the area, equipment / machinery can move and alter surfaces, normal weathering processes can disturb the area. Each of these, and many other factors, can cause remnant asbestos to become visible when it was not visible at the time of inspection. Therefore, for added assurance and confidence, it is recommended that the area be periodically reinspected, for example at 1 week, 1 month and 3 months. Results of any further inspections should be recorded and appropriate management actions be followed in the event of unexpected finds.

Any Party that uses or relies on this document, in doing so acknowledges, on behalf of themselves and all other legal entities that they represent, the unequivocal approval and acceptance of the limitations and exclusions stated within this document, as well as the acceptance of Clearsafe's standard Terms and Conditions of Engagement (available from our website), else this document should not be used or relied upon for any purpose.

Please contact the undersigned on 0448 490 299 or gonzalo.serna@clearsafe.com.au with any queries.

Inspected By: Gonzalo Serna Diaz
Licensed Asbestos Assessor (LAA001303)
Encl.: Photographs

Authorised By: Alex White
Licensed Asbestos Assessor (NSW LAA000170)

Site Photographs

Photograph 1:

Map showing the division of the site by Lots.

Photograph 2:

Visible and accessible ground surfaces to the south eastern corner of the development site, Lot 1 DP219847, within an area approximately of 50m x 20m, and centrally located at approximate coordinates (WGS84) -33.966569,151.228492.

ATTACHMENT F

GEO-LOGIX PTY LTD
ABN 86 116 892 936

Unit 2309
4 Daydream Street
Warriewood, NSW 2102

P 02 9979 1722
F 02 9979 1222
W www.geo-logix.com.au

14 November 2018

Horme Group Pty Ltd
C/-
Agy Dassakis
Spirecorp Pty Ltd
Suite 1B, 207 Young Street
Waterloo NSW 2017

SUBJECT: **Soil Waste Classification**

SITE: **1901 Botany Road, Matraville, NSW**

Dear Agy,

Geo-Logix Pty Ltd (Geo-Logix) was engaged to undertake waste classification of soils requiring off-site disposal as part of site development works at 1901 Botany Road, Matraville NSW.

To facilitate site development, approximately 2,800 tonnes of asbestos contaminated soil requires off-site disposal. To complete waste classification, Geo-Logix collected ten samples (WC1–WC10) from asbestos contaminated soil earmarked for offsite disposal on 12 November 2018.

Waste classification is based on the collected samples. Sample locations are presented on Figure 1.

SCOPE OF WORK

Ten soil samples (WC1–WC10) were collected from the fill and placed into laboratory prepared jars, labelled, placed on ice in an esky and transported under chain of custody to Eurofins laboratory for analysis of the following:

- Total Recoverable Hydrocarbons (TRH);
- Benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEX);
- Polyaromatic Hydrocarbons (PAHs);
- Organochlorine Pesticides (OCPs); and
- Heavy metals (As, Cd, Cr, Cu Hg, Pb , Ni and Zn).

Toxicity characteristic leaching procedure (TCLP) analysis was performed for PAHs and heavy metals.

ASSESSMENT CRITERIA

The results of laboratory analysis were compared against the following criteria:

- Waste Classification Criteria: NSW Environmental Protection Authority (EPA) *Waste Classification Guidelines – Part 1: Classification of Waste (2014)*.

LABORATORY RESULTS

Summarised laboratory analytical results are presented in Tables 1 to 4. Laboratory reports are included in Attachment A.

Petroleum Hydrocarbons

Petroleum Hydrocarbons were not detected at concentrations greater than the assessment criteria for General Solid Waste (non-putrescible) in all soil samples analysed (Table 1).

Polyaromatic Hydrocarbons

PAHs were not detected at concentrations greater than the assessment criteria for General Solid Waste (non-putrescible) in all soil samples analysed (Table 2).

Organochlorine Pesticides

OCPs were not detected at concentrations greater than the assessment criteria for General Solid Waste (non-putrescible) in all soil samples analysed (Table 3).

Heavy Metals

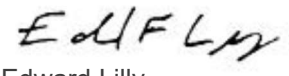
Heavy metals were not detected at concentrations greater than the assessment criteria for General Solid Waste (non-putrescible) in all soil samples analysed (Table 4).

WASTE CLASSIFICATION

The material is classified as Special Waste (Asbestos) in the General Solid Waste (non-putrescible) classification and must be disposed off-site to a landfill licensed by the NSW EPA to accept such waste.

Please do not hesitate to contact Geo-Logix directly (02) 9979 1722 should you require further information.

Yours sincerely,



Edward Lilly
BSc Civil Engineering
Senior Geotechnical Engineer

ATTACHMENTS

Figures

Figure 1: Sample Locations

Tables

Table 1: Summary of Soil Analytical Data – Petroleum Hydrocarbons
Table 2: Summary of Soil Analytical Data – Polyaromatic Hydrocarbons
Table 3: Summary of Soil Analytical Data – Organochlorine Pesticides
Table 4: Summary of Soil Analytical Data – Heavy Metals

Attachments

Attachment A: Laboratory Reports

LIMITATIONS

This Waste Classification report is limited to soil on site at the time of Geo-Logix's fieldworks on 12 November 2018.

Given the nature of asbestos, and the difficulties involved in identifying asbestos fibres, despite the exercise of all reasonable due care and diligence, thorough investigations may not always reveal its presence in either buildings or fill. Even if asbestos has been tested for and those tests' results do not reveal the presence of asbestos at those specific points of sampling, asbestos or asbestos containing materials may still be present at the Site, particularly if fill has been imported at any time, buildings constructed prior to 1980 have been demolished on the Site or materials from such buildings have been disposed of on the Site.

- The use of this waste classification is subject to the following terms:
- The building contractor and the waste transporter must between them nominate the waste disposal facility and provide confirmatory evidence the facility can lawfully receive the waste to the satisfaction of the Waste Generator (Site Owner–Horme Group) before any waste leaves the site ("the disposal confirmation"). This disposal confirmation obligation applies to every waste classification on site.
- Under no circumstances can waste be reclassified and/or leave the site without the Waste Generator's consent. This is because all relevant parties can be prosecuted and be levied with significant fines for incorrect waste handling and disposal.
- The building contractor and the waste transporter must ensure that soils leaving the site as VENM meet the VENM definition as defined in the *Protections of Environment Operations Act 1997* and the NSW Department of Environment and Climate Change (DECC) *Waste Classification Guidelines 2009* ("the disposal confirmation"). VENM is defined as:

  "Virgin excavated natural material" means natural material (such as clay, gravel, sand, soil or rock fines):

  (a) that has been excavated or quarried from areas that are not contaminated with manufactured chemicals, or with process residues, as a result of industrial, commercial, mining or agricultural activities;

  (b) that does not contain any sulfidic ores or soils or any other waste, and includes excavated natural material that meets such criteria for virgin excavated natural material as may be approved for the time being pursuant to an EPA Gazettal notice; and

- The building contractor and the waste contractor are each responsible for ensuring that the disposal confirmation obligation is communicated to their employees and contractors and to ensure compliance with such obligation. The Site Owner does not waive or implicitly approve the removal of any waste from the site in circumstances where the waste leaves the site without the disposal confirmation having been provided to the Site Owner.
- Should ground conditions encountered during site works and deviate from those described herein, such as presence of demolition material, stained or odorous soils, asbestos contamination, Geo-Logix should be engaged to assess the classification of the material prior to its disposal offsite.

FIGURES

FIGURE 1 - SAMPLE LOCATIONS

Soil Waste Classification
Project No. 1801089
1901 Botany Road,
Matraville NSW 2036

Geo-Logix
environment • geotech

TABLES

Table 1 : Summary of Soil Analytical Data - Petroleum Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC1	WC1	WC2	WC2	WC3
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
TRH C_6-C_{10}	-		< 20	--	< 20	--	< 20
TRH C_6-C_{10} less BTEX (F1)	-		< 20	--	< 20	--	< 20
TRH >C_{10}-C_{16}	-		< 50	--	76	--	< 50
TRH >C_{10}-C_{16} less Naphthalene (F2)	-		< 50	--	76	--	< 50
TRH >C_{16}-C_{34}	-		< 100	--	480	--	110
TRH >C_{34}-C_{40}	-		< 100	--	140	--	< 100
TRH C_6-C_9	650		< 20	--	< 20	--	< 20
TRH C_{10}-C_{36} - Total	10,000		58	--	619	--	138
Benzene	10		< 0.1	--	< 0.1	--	< 0.1
Toluene	288		< 0.1	--	< 0.1	--	< 0.1
Ethylbenzene	600		< 0.1	--	< 0.1	--	< 0.1
m&p-Xylenes	-		< 0.2	--	< 0.2	--	< 0.2
o-Xylene	-		< 0.1	--	< 0.1	--	< 0.1
Xylenes - Total	1,000		< 0.3	--	< 0.3	--	< 0.3
Naphthalene (MAH method)	-		< 0.5	--	< 0.5	--	< 0.5

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 1 : Summary of Soil Analytical Data - Petroleum Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC3	WC4	WC4	WC5	WC5
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
TRH C_6-C_{10}	-		--	< 20	--	< 20	--
TRH C_6-C_{10} less BTEX (F1)	-		--	< 20	--	< 20	--
TRH >C_{10}-C_{16}	-		--	< 50	--	100	--
TRH >C_{10}-C_{16} less Naphthalene (F2)	-		--	< 50	--	100	--
TRH >C_{16}-C_{34}	-		--	< 100	--	300	--
TRH >C_{34}-C_{40}	-		--	< 100	--	100	--
TRH C_6-C_9	650		--	< 20	--	< 20	--
TRH C_{10}-C_{36} - Total	10,000		--	< 50	--	420	--
Benzene	10		--	< 0.1	--	< 0.1	--
Toluene	288		--	< 0.1	--	< 0.1	--
Ethylbenzene	600		--	< 0.1	--	< 0.1	--
m&p-Xylenes	-		--	< 0.2	--	< 0.2	--
o-Xylene	-		--	< 0.1	--	< 0.1	--
Xylenes - Total	1,000		--	< 0.3	--	< 0.3	--
Naphthalene (MAH method)	-		--	< 0.5	--	< 0.5	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 1 : Summary of Soil Analytical Data - Petroleum Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC6	WC6	WC7	WC7	WC8
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
TRH C_6-C_{10}	-		< 20	--	< 20	--	< 20
TRH C_6-C_{10} less BTEX (F1)	-		< 20	--	< 20	--	< 20
TRH >C_{10}-C_{16}	-		< 50	--	< 50	--	< 50
TRH >C_{10}-C_{16} less Naphthalene (F2)	-		< 50	--	< 50	--	< 50
TRH >C_{16}-C_{34}	-		150	--	< 100	--	170
TRH >C_{34}-C_{40}	-		< 100	--	< 100	--	< 100
TRH C_6-C_9	650		< 20	--	< 20	--	< 20
TRH C_{10}-C_{36} - Total	10,000		201	--	< 50	--	217
Benzene	10		< 0.1	--	< 0.1	--	< 0.1
Toluene	288		< 0.1	--	< 0.1	--	< 0.1
Ethylbenzene	600		< 0.1	--	< 0.1	--	< 0.1
m&p-Xylenes	-		< 0.2	--	< 0.2	--	< 0.2
o-Xylene	-		< 0.1	--	< 0.1	--	< 0.1
Xylenes - Total	1,000		< 0.3	--	< 0.3	--	< 0.3
Naphthalene (MAH method)	-		< 0.5	--	< 0.5	--	< 0.5

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 1 : Summary of Soil Analytical Data - Petroleum Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC8	WC9	WC9	WC10	WC10
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
TRH C_6-C_{10}	-		--	< 20	--	< 20	--
TRH C_6-C_{10} less BTEX (F1)	-		--	< 20	--	< 20	--
TRH >C_{10}-C_{16}	-		--	< 50	--	< 50	--
TRH >C_{10}-C_{16} less Naphthalene (F2)	-		--	< 50	--	< 50	--
TRH >C_{16}-C_{34}	-		--	110	--	< 100	--
TRH >C_{34}-C_{40}	-		--	< 100	--	< 100	--
TRH C_6-C_9	650		--	< 20	--	< 20	--
TRH C_{10}-C_{36} - Total	10,000		--	122	--	< 50	--
Benzene	10		--	< 0.1	--	< 0.1	--
Toluene	288		--	< 0.1	--	< 0.1	--
Ethylbenzene	600		--	< 0.1	--	< 0.1	--
m&p-Xylenes	-		--	< 0.2	--	< 0.2	--
o-Xylene	-		--	< 0.1	--	< 0.1	--
Xylenes - Total	1,000		--	< 0.3	--	< 0.3	--
Naphthalene (MAH method)	-		--	< 0.5	--	< 0.5	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 2 : Summary of Soil Analytical Data - Polyaromatic Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,

Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC1	WC1	WC2	WC2	WC3
	Solid Waste	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Acenaphthene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Acenaphthylene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Anthracene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Benz(a)anthracene	-	-		0.7	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(a)pyrene	10	0.04		1	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(b&j)fluoranthene	-	-		0.8	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(g.h.i)perylene	-	-		0.6	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(k)fluoranthene	-	-		0.8	< 0.001	< 0.5	< 0.001	< 0.5
Chrysene	-	-		1	< 0.001	< 0.5	< 0.001	< 0.5
Dibenz(a.h)anthracene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Fluoranthene	-	-		1.7	< 0.001	< 0.5	< 0.001	< 0.5
Fluorene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Indeno(1.2.3-cd)pyrene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Naphthalene (PAH method)	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Phenanthrene	-	-		0.6	< 0.001	< 0.5	< 0.001	< 0.5
Pyrene	-	-		2	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(a)pyrene TEQ	-	-		1.5	--	0.6	--	0.6
Total PAH	200	-		9.2	< 0.001	< 0.5	< 0.001	< 0.5

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.

Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 2 : Summary of Soil Analytical Data - Polyaromatic Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC3	WC4	WC4	WC5	WC5
	Solid Waste	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Acenaphthene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Acenaphthylene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Anthracene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Benz(a)anthracene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Benzo(a)pyrene	10	0.04		< 0.001	< 0.5	< 0.001	0.7	< 0.001
Benzo(b&j)fluoranthene	-	-		< 0.001	< 0.5	< 0.001	0.5	< 0.001
Benzo(g.h.i)perylene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Benzo(k)fluoranthene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Chrysene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Dibenz(a.h)anthracene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Fluoranthene	-	-		< 0.001	< 0.5	< 0.001	0.9	< 0.001
Fluorene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Indeno(1.2.3-cd)pyrene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Naphthalene (PAH method)	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Phenanthrene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Pyrene	-	-		< 0.001	< 0.5	< 0.001	0.9	< 0.001
Benzo(a)pyrene TEQ	-	-		--	0.6	--	1.1	--
Total PAH	200	-		< 0.001	< 0.5	< 0.001	3	< 0.001

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.

Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Geo-Logix

Table 2 : Summary of Soil Analytical Data - Polyaromatic Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,

Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC6	WC6	WC7	WC7	WC8
	Solid Waste	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Acenaphthene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Acenaphthylene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Anthracene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Benz(a)anthracene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(a)pyrene	10	0.04		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Benzo(b&j)fluoranthene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	0.6
Benzo(g.h.i)perylene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	0.5
Benzo(k)fluoranthene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Chrysene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Dibenz(a.h)anthracene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Fluoranthene	-	-		0.5	< 0.001	0.6	< 0.001	0.8
Fluorene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Indeno(1.2.3-cd)pyrene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Naphthalene (PAH method)	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Phenanthrene	-	-		< 0.5	< 0.001	< 0.5	< 0.001	< 0.5
Pyrene	-	-		0.6	< 0.001	0.6	< 0.001	0.8
Benzo(a)pyrene TEQ	-	-		0.6	--	0.6	--	0.6
Total PAH	200	-		1.1	< 0.001	1.2	< 0.001	2.7

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.

Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 2 : Summary of Soil Analytical Data - Polyaromatic Hydrocarbons

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC8	WC9	WC9	WC10	WC10
	Solid Waste	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Acenaphthene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Acenaphthylene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Anthracene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Benz(a)anthracene	-	-		< 0.001	0.8	< 0.001	< 0.5	< 0.001
Benzo(a)pyrene	10	0.04		< 0.001	1	< 0.001	< 0.5	< 0.001
Benzo(b&j)fluoranthene	-	-		< 0.001	1.1	< 0.001	< 0.5	< 0.001
Benzo(g.h.i)perylene	-	-		< 0.001	1	< 0.001	< 0.5	< 0.001
Benzo(k)fluoranthene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Chrysene	-	-		< 0.001	0.8	< 0.001	< 0.5	< 0.001
Dibenz(a.h)anthracene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Fluoranthene	-	-		< 0.001	1.5	< 0.001	0.8	< 0.001
Fluorene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Indeno(1.2.3-cd)pyrene	-	-		< 0.001	0.6	< 0.001	< 0.5	< 0.001
Naphthalene (PAH method)	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Phenanthrene	-	-		< 0.001	< 0.5	< 0.001	< 0.5	< 0.001
Pyrene	-	-		< 0.001	1.6	< 0.001	0.8	< 0.001
Benzo(a)pyrene TEQ	-	-		--	1.5	--	0.6	--
Total PAH	200	-		< 0.001	8.4	< 0.001	1.6	< 0.001

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.

Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC1	WC1	WC2	WC2	WC3
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
4,4'-DDD	-		< 0.05	--	< 0.05	--	< 0.05
4,4'-DDE	-		< 0.05	--	< 0.05	--	< 0.05
4,4'-DDT	-		< 0.05	--	< 0.05	--	< 0.05
a-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Aldrin	-		< 0.05	--	< 0.05	--	< 0.05
b-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Chlordanes - Total	-		< 0.1	--	< 0.1	--	< 0.1
d-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Dieldrin	-		< 0.05	--	0.2	--	< 0.05
Endosulfan I	-		< 0.05	--	< 0.05	--	< 0.05
Endosulfan II	-		< 0.05	--	< 0.05	--	< 0.05
Endosulfan sulphate	-		< 0.05	--	< 0.05	--	< 0.05
Endrin	-		< 0.05	--	< 0.05	--	< 0.05
Endrin aldehyde	-		< 0.05	--	< 0.05	--	< 0.05
Endrin ketone	-		< 0.05	--	< 0.05	--	< 0.05
g-BHC (Lindane)	-		< 0.05	--	< 0.05	--	< 0.05
Heptachlor	-		< 0.05	--	< 0.05	--	< 0.05
Heptachlor epoxide	-		< 0.05	--	< 0.05	--	< 0.05
Hexachlorobenzene	-		< 0.05	--	< 0.05	--	< 0.05

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC1	WC1	WC2	WC2	WC3
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Methoxychlor	-		< 0.2	--	< 0.2	--	< 0.2
Toxaphene	-		< 1	--	< 1	--	< 1
Aldrin + Dieldrin	-		ND	--	0.2	--	ND
Endosulfans - Total	60		ND	--	ND	--	ND
DDD + DDE + DDT	-		ND	--	ND	--	ND
Scheduled Chemical Wastes	50		ND	--	0.2	--	ND

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC3	WC4	WC4	WC5	WC5
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
4,4'-DDD	-		--	< 0.05	--	< 0.05	--
4,4'-DDE	-		--	< 0.05	--	< 0.05	--
4,4'-DDT	-		--	< 0.05	--	< 0.05	--
a-BHC	-		--	< 0.05	--	< 0.05	--
Aldrin	-		--	< 0.05	--	< 0.05	--
b-BHC	-		--	< 0.05	--	< 0.05	--
Chlordanes - Total	-		--	< 0.1	--	< 0.1	--
d-BHC	-		--	< 0.05	--	< 0.05	--
Dieldrin	-		--	< 0.05	--	< 0.05	--
Endosulfan I	-		--	< 0.05	--	< 0.05	--
Endosulfan II	-		--	< 0.05	--	< 0.05	--
Endosulfan sulphate	-		--	< 0.05	--	< 0.05	--
Endrin	-		--	< 0.05	--	< 0.05	--
Endrin aldehyde	-		--	< 0.05	--	< 0.05	--
Endrin ketone	-		--	< 0.05	--	< 0.05	--
g-BHC (Lindane)	-		--	< 0.05	--	< 0.05	--
Heptachlor	-		--	< 0.05	--	< 0.05	--
Heptachlor epoxide	-		--	< 0.05	--	< 0.05	--
Hexachlorobenzene	-		--	< 0.05	--	< 0.05	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC3	WC4	WC4	WC5	WC5
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Methoxychlor	-		--	< 0.2	--	< 0.2	--
Toxaphene	-		--	< 1	--	< 1	--
Aldrin + Dieldrin	-		--	ND	--	ND	--
Endosulfans - Total	60		--	ND	--	ND	--
DDD + DDE + DDT	-		--	ND	--	ND	--
Scheduled Chemical Wastes	50		--	ND	--	ND	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC6	WC6	WC7	WC7	WC8
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
4,4'-DDD	-		< 0.05	--	< 0.05	--	< 0.05
4,4'-DDE	-		0.06	--	< 0.05	--	< 0.05
4,4'-DDT	-		< 0.05	--	< 0.05	--	< 0.05
a-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Aldrin	-		< 0.05	--	< 0.05	--	< 0.05
b-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Chlordanes - Total	-		0.5	--	< 0.1	--	< 0.1
d-BHC	-		< 0.05	--	< 0.05	--	< 0.05
Dieldrin	-		< 0.05	--	< 0.05	--	< 0.05
Endosulfan I	-		< 0.05	--	< 0.05	--	< 0.05
Endosulfan II	-		< 0.05	--	< 0.05	--	< 0.05
Endosulfan sulphate	-		< 0.05	--	< 0.05	--	< 0.05
Endrin	-		< 0.05	--	< 0.05	--	< 0.05
Endrin aldehyde	-		< 0.05	--	< 0.05	--	< 0.05
Endrin ketone	-		< 0.05	--	< 0.05	--	< 0.05
g-BHC (Lindane)	-		< 0.05	--	< 0.05	--	< 0.05
Heptachlor	-		< 0.05	--	< 0.05	--	< 0.05
Heptachlor epoxide	-		< 0.05	--	< 0.05	--	< 0.05
Hexachlorobenzene	-		< 0.05	--	< 0.05	--	< 0.05

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC6	WC6	WC7	WC7	WC8
	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Methoxychlor	-		< 0.2	--	< 0.2	--	< 0.2
Toxaphene	-		< 1	--	< 1	--	< 1
Aldrin + Dieldrin	-		ND	--	ND	--	ND
Endosulfans - Total	60		ND	--	ND	--	ND
DDD + DDE + DDT	-		0.06	--	ND	--	ND
Scheduled Chemical Wastes	50		0.56	--	ND	--	ND

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC8	WC9	WC9	WC10	WC10
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
4,4'-DDD	-		--	< 0.05	--	< 0.05	--
4,4'-DDE	-		--	< 0.05	--	< 0.05	--
4,4'-DDT	-		--	< 0.05	--	< 0.05	--
a-BHC	-		--	< 0.05	--	< 0.05	--
Aldrin	-		--	< 0.05	--	< 0.05	--
b-BHC	-		--	< 0.05	--	< 0.05	--
Chlordanes - Total	-		--	< 0.1	--	< 0.1	--
d-BHC	-		--	< 0.05	--	< 0.05	--
Dieldrin	-		--	< 0.05	--	< 0.05	--
Endosulfan I	-		--	< 0.05	--	< 0.05	--
Endosulfan II	-		--	< 0.05	--	< 0.05	--
Endosulfan sulphate	-		--	< 0.05	--	< 0.05	--
Endrin	-		--	< 0.05	--	< 0.05	--
Endrin aldehyde	-		--	< 0.05	--	< 0.05	--
Endrin ketone	-		--	< 0.05	--	< 0.05	--
g-BHC (Lindane)	-		--	< 0.05	--	< 0.05	--
Heptachlor	-		--	< 0.05	--	< 0.05	--
Heptachlor epoxide	-		--	< 0.05	--	< 0.05	--
Hexachlorobenzene	-		--	< 0.05	--	< 0.05	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Table 3 : Summary of Soil Analytical Data - Organochlorine Pesticides

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1						
	General	Sample ID	WC8	WC9	WC9	WC10	WC10
	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	CT1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Methoxychlor	-		--	< 0.2	--	< 0.2	--
Toxaphene	-		--	< 1	--	< 1	--
Aldrin + Dieldrin	-		--	ND	--	ND	--
Endosulfans - Total	60		--	ND	--	ND	--
DDD + DDE + DDT	-		--	ND	--	ND	--
Scheduled Chemical Wastes	50		--	ND	--	ND	--

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), General Solid Waste Contaminant thresholds.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Geo-Logix

Table 4 : Summary of Soil Analytical Data - Heavy Metals

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC1	WC1	WC2	WC2	WC3
	Solid Waste	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Arsenic	500	5		3.3	< 0.01	2.6	< 0.01	2.6
Cadmium	100	1		< 0.4	< 0.005	< 0.4	< 0.005	< 0.4
Chromium	1,900[1]	5[1]		18	< 0.05	6.1	< 0.05	8.9
Copper	-	-		48	< 0.05	13	< 0.05	16
Lead	1,500	5		54	< 0.01	33	< 0.01	43
Mercury	50	0.2		0.2	< 0.001	< 0.1	< 0.001	0.1
Nickel	1,050	2		49	< 0.05	7.2	< 0.05	20
Zinc	-	-		99	0.12	64	0.24	67

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.
Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.
Total concentrations in mg/kg
TCLP concentrations in mg/L
- = assessment criteria not available
[1]Guideline for chromium (VI) used conservatively.
< # or ND = analyte(s) not detected in excess of laboratory reporting limit
-- = sample not analysed
Bold/red indicates exceedance of assessment criteria

Table 4 : Summary of Soil Analytical Data - Heavy Metals

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC3	WC4	WC4	WC5	WC5
	Solid Waste	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Arsenic	500	5		< 0.01	8.4	< 0.01	3.8	< 0.01
Cadmium	100	1		< 0.005	< 0.4	< 0.005	< 0.4	< 0.005
Chromium	1,900[1]	5[1]		< 0.05	16	< 0.05	14	< 0.05
Copper	-	-		< 0.05	27	< 0.05	26	< 0.05
Lead	1,500	5		< 0.01	79	0.02	69	< 0.01
Mercury	50	0.2		< 0.001	0.3	< 0.001	0.2	< 0.001
Nickel	1,050	2		< 0.05	11	< 0.05	17	< 0.05
Zinc	-	-		0.23	200	0.38	110	0.19

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.

Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.

Total concentrations in mg/kg

TCLP concentrations in mg/L

- = assessment criteria not available

[1]Guideline for chromium (VI) used conservatively.

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

-- = sample not analysed

Bold/red indicates exceedance of assessment criteria

Geo-Logix

Table 4 : Summary of Soil Analytical Data - Heavy Metals

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC6	WC6	WC7	WC7	WC8
	Solid Waste	Solid Waste	Type	Total	TCLP	Total	TCLP	Total
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Arsenic	500	5		92	0.83	4.5	< 0.01	3
Cadmium	100	1		< 0.4	< 0.005	< 0.4	< 0.005	1.7
Chromium	1,900[1]	5[1]		20	< 0.05	15	< 0.05	13
Copper	-	-		24	< 0.05	30	< 0.05	36
Lead	1,500	5		100	0.02	82	0.01	78
Mercury	50	0.2		0.2	< 0.001	1.5	< 0.001	0.2
Nickel	1,050	2		20	< 0.05	14	< 0.05	51
Zinc	-	-		140	0.56	100	0.18	310

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.
Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.
Total concentrations in mg/kg
TCLP concentrations in mg/L
- = assessment criteria not available
[1]Guideline for chromium (VI) used conservatively.
< # or ND = analyte(s) not detected in excess of laboratory reporting limit
-- = sample not analysed
Bold/red indicates exceedance of assessment criteria

Geo-Logix

Table 4 : Summary of Soil Analytical Data - Heavy Metals

Matraville

Project No.: 1801089

1901 Botany Road,
Matraville NSW 2036

	Criteria 1	Criteria 2						
	General	General	Sample ID	WC8	WC9	WC9	WC10	WC10
	Solid Waste	Solid Waste	Type	TCLP	Total	TCLP	Total	TCLP
	SCC1	TCLP1	Date	13/11/2018	13/11/2018	13/11/2018	13/11/2018	13/11/2018
Arsenic	500	5		< 0.01	5.7	< 0.01	< 2	< 0.01
Cadmium	100	1		0.008	< 0.4	< 0.005	< 0.4	< 0.005
Chromium	1,900[1]	5[1]		< 0.05	10	< 0.05	< 5	< 0.05
Copper	-	-		< 0.05	29	< 0.05	14	< 0.05
Lead	1,500	5		0.02	120	0.17	89	0.15
Mercury	50	0.2		< 0.001	0.2	< 0.001	0.2	< 0.001
Nickel	1,050	2		< 0.05	7.4	< 0.05	< 5	< 0.05
Zinc	-	-		1.2	130	0.31	48	0.28

Notes:

Criteria 1 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Specific contaminant concentrations.
Criteria 2 = NSW EPA, Waste Classification Guidelines (Nov 2014), GSW Toxicity characteristics leaching procedure.
Total concentrations in mg/kg
TCLP concentrations in mg/L
- = assessment criteria not available
[1]Guideline for chromium (VI) used conservatively.
< # or ND = analyte(s) not detected in excess of laboratory reporting limit
-- = sample not analysed
Bold/red indicates exceedance of assessment criteria

ATTACHMENT A

eurofins | mgt

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Geo-Logix P/L
Bld Q2 Level 3, 2309/4 Daydream St
Warriewood
NSW 2102

Attention: **Ted Lilly**

Report **627394-S**
Project name MATRAVILLE
Project ID 1801039
Received Date Nov 13, 2018

Client Sample ID			**WC1**	**WC2**	**WC3**	**WC4**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins | mgt Sample No.			**S18-No15827**	**S18-No15828**	**S18-No15829**	**S18-No15830**
Date Sampled			**Nov 13, 2018**	**Nov 13, 2018**	**Nov 13, 2018**	**Nov 13, 2018**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	49	< 20	< 20
TRH C15-C28	50	mg/kg	58	280	63	< 50
TRH C29-C36	50	mg/kg	< 50	290	75	< 50
TRH C10-36 (Total)	50	mg/kg	58	619	138	< 50
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	78	80	80	77
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	76	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	76	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	480	110	< 100
TRH >C34-C40	100	mg/kg	< 100	140	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	696	110	< 100
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	1.2	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	1.5	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.8	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	0.7	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	1.0	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	0.8	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	0.6	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	0.8	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	1.0	< 0.5	< 0.5	< 0.5

Client Sample ID			WC1	WC2	WC3	WC4
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins | mgt Sample No.			S18-No15827	S18-No15828	S18-No15829	S18-No15830
Date Sampled			Nov 13, 2018	Nov 13, 2018	Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	1.7	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	0.6	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	2.0	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	9.2	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	115	116	100	99
p-Terphenyl-d14 (surr.)	1	%	119	113	104	99
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	0.20	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	1	mg/kg	< 1	< 1	< 1	< 1
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	0.2	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	0.2	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	109	130	120	108
Tetrachloro-m-xylene (surr.)	1	%	90	84	100	96
Heavy Metals						
Arsenic	2	mg/kg	3.3	2.6	2.6	8.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	18	6.1	8.9	16
Copper	5	mg/kg	48	13	16	27
Lead	5	mg/kg	54	33	43	79
Mercury	0.1	mg/kg	0.2	< 0.1	0.1	0.3
Nickel	5	mg/kg	49	7.2	20	11
Zinc	5	mg/kg	99	64	67	200
% Moisture	1	%	3.6	3.2	10	2.9

Client Sample ID			WC5	WC6	WC7	WC8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins | mgt Sample No.			S18-No15831	S18-No15832	S18-No15833	S18-No15834
Date Sampled			Nov 13, 2018	Nov 13, 2018	Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	40	25	< 20	22
TRH C15-C28	50	mg/kg	220	80	< 50	95
TRH C29-C36	50	mg/kg	160	96	< 50	100
TRH C10-36 (Total)	50	mg/kg	420	201	< 50	217
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	75	76	77	73
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	100	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	100	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	300	150	< 100	170
TRH >C34-C40	100	mg/kg	100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	500	150	< 100	170
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	0.8	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	1.1	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.4	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	0.7	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	0.5	< 0.5	< 0.5	0.6
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	0.9	0.5	0.6	0.8
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	0.9	0.6	0.6	0.8
Total PAH*	0.5	mg/kg	3	1.1	1.2	2.7
2-Fluorobiphenyl (surr.)	1	%	104	98	102	103
p-Terphenyl-d14 (surr.)	1	%	101	97	102	100

Client Sample ID			WC5	WC6	WC7	WC8
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins | mgt Sample No.			S18-No15831	S18-No15832	S18-No15833	S18-No15834
Date Sampled			Nov 13, 2018	Nov 13, 2018	Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	0.5	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	0.06	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-BHC	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	1	mg/kg	< 1	< 1	< 1	< 1
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	0.06	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	0.56	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	0.5	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	143	102	105	98
Tetrachloro-m-xylene (surr.)	1	%	108	89	94	87
Heavy Metals						
Arsenic	2	mg/kg	3.8	92	4.5	3.0
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	1.7
Chromium	5	mg/kg	14	20	15	13
Copper	5	mg/kg	26	24	30	36
Lead	5	mg/kg	69	100	82	78
Mercury	0.1	mg/kg	0.2	0.2	1.5	0.2
Nickel	5	mg/kg	17	20	14	51
Zinc	5	mg/kg	110	140	100	310
% Moisture	1	%	16	6.4	4.3	4.7

Client Sample ID			WC9	WC10
Sample Matrix			Soil	Soil
Eurofins | mgt Sample No.			S18-No15835	S18-No15836
Date Sampled			Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit		
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				
TRH C6-C9	20	mg/kg	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20
TRH C15-C28	50	mg/kg	69	< 50
TRH C29-C36	50	mg/kg	53	< 50
TRH C10-36 (Total)	50	mg/kg	122	< 50
BTEX				
Benzene	0.1	mg/kg	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1
Xylenes - Total	0.3	mg/kg	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	69	71
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5
TRH C6-C10	20	mg/kg	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)[N01]	50	mg/kg	< 50	< 50
TRH >C16-C34	100	mg/kg	110	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	110	< 100
Polycyclic Aromatic Hydrocarbons				
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	1.3	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	1.5	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.8	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	0.8	< 0.5
Benzo(a)pyrene	0.5	mg/kg	1.0	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	1.1	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	1.0	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5
Chrysene	0.5	mg/kg	0.8	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	1.5	0.8
Fluorene	0.5	mg/kg	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	0.6	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5
Pyrene	0.5	mg/kg	1.6	0.8
Total PAH*	0.5	mg/kg	8.4	1.6
2-Fluorobiphenyl (surr.)	1	%	96	102
p-Terphenyl-d14 (surr.)	1	%	96	99

Client Sample ID			WC9	WC10
Sample Matrix			Soil	Soil
Eurofins | mgt Sample No.			S18-No15835	S18-No15836
Date Sampled			Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit		
Organochlorine Pesticides				
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05
a-BHC	0.05	mg/kg	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05
b-BHC	0.05	mg/kg	< 0.05	< 0.05
d-BHC	0.05	mg/kg	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05
g-BHC (Lindane)	0.05	mg/kg	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05
Methoxychlor	0.2	mg/kg	< 0.2	< 0.2
Toxaphene	1	mg/kg	< 1	< 1
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	134	110
Tetrachloro-m-xylene (surr.)	1	%	95	97
Heavy Metals				
Arsenic	2	mg/kg	5.7	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4
Chromium	5	mg/kg	10	< 5
Copper	5	mg/kg	29	14
Lead	5	mg/kg	120	89
Mercury	0.1	mg/kg	0.2	0.2
Nickel	5	mg/kg	7.4	< 5
Zinc	5	mg/kg	130	48
% Moisture	1	%	12	7.6

Sample History

Where samples are submitted/analysed over several days, the last date of extraction and analysis is reported.
A recent review of our LIMS has resulted in the correction or clarification of some method identifications. Due to this, some of the method reference information on reports has changed. However, no substantive change has been made to our laboratory methods, and as such there is no change in the validity of current or previous results (regarding both quality and NATA accreditation).

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Eurofins | mgt Suite B9			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Nov 13, 2018	14 Day
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Nov 13, 2018	14 Day
- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 13, 2018	14 Day
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Nov 13, 2018	14 Day
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 13, 2018	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Nov 13, 2018	14 Day
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Metals M8	Sydney	Nov 13, 2018	28 Day
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
% Moisture	Sydney	Nov 13, 2018	14 Day
- Method: LTM-GEN-7080 Moisture			

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NATA # 1261
Site # 23736

Company Name: Geo-Logix P/L
Address: Bld Q2 Level 3, 2309/4 Daydream St
Warriewood
NSW 2102

Project Name: MATRAVILLE
Project ID: 1801039

Order No.:
Report #: 627394
Phone: 02 9979 1722
Fax: 02 9979 1222

Received: Nov 13, 2018 1:52 PM
Due: Nov 14, 2018
Priority: 1 Day
Contact Name: Ted Lilly

Eurofins | mgt Analytical Services Manager : Nibha Vaidya

Sample Detail						Polycyclic Aromatic Hydrocarbons	USA Leaching Procedure	Metals M8	Moisture Set	Eurofins | mgt Suite B9
Melbourne Laboratory - NATA Site # 1254 & 14271										
Sydney Laboratory - NATA Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA Site # 20794										
Perth Laboratory - NATA Site # 23736										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	WC1	Nov 13, 2018		Soil	S18-No15827				X	X
2	WC2	Nov 13, 2018		Soil	S18-No15828				X	X
3	WC3	Nov 13, 2018		Soil	S18-No15829				X	X
4	WC4	Nov 13, 2018		Soil	S18-No15830				X	X
5	WC5	Nov 13, 2018		Soil	S18-No15831				X	X
6	WC6	Nov 13, 2018		Soil	S18-No15832				X	X
7	WC7	Nov 13, 2018		Soil	S18-No15833				X	X
8	WC8	Nov 13, 2018		Soil	S18-No15834				X	X
9	WC9	Nov 13, 2018		Soil	S18-No15835				X	X

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Sample Detail						Polycyclic Aromatic Hydrocarbons	USA Leaching Procedure	Metals M8	Moisture Set	Eurofins | mgt Suite B9
Melbourne Laboratory - NATA Site # 1254 & 14271										
Sydney Laboratory - NATA Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA Site # 20794										
Perth Laboratory - NATA Site # 23736										
10	WC10	Nov 13, 2018		Soil	S18-No15836				X	X
11	WC01	Nov 13, 2018		US Leachate	S18-No15837	X	X	X		
12	WC02	Nov 13, 2018		US Leachate	S18-No15838	X	X	X		
13	WC03	Nov 13, 2018		US Leachate	S18-No15839	X	X	X		
14	WC04	Nov 13, 2018		US Leachate	S18-No15840	X	X	X		
15	WC05	Nov 13, 2018		US Leachate	S18-No15841	X	X	X		
16	WC06	Nov 13, 2018		US Leachate	S18-No15842	X	X	X		
17	WC07	Nov 13, 2018		US Leachate	S18-No15843	X	X	X		
18	WC08	Nov 13, 2018		US Leachate	S18-No15844	X	X	X		
19	WC09	Nov 13, 2018		US Leachate	S18-No15845	X	X	X		
20	WC10	Nov 13, 2018		US Leachate	S18-No15846	X	X	X		
Test Counts						10	10	10	10	10

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

****NOTE:** pH duplicates are reported as a range NOT as RPD

Units

mg/kg: milligrams per kilogram

mg/L: milligrams per litre

ug/L: micrograms per litre

ppm: Parts per million

ppb: Parts per billion

%: Percentage

org/100mL: Organisms per 100 millilitres

NTU: Nephelometric Turbidity Units

MPN/100mL: Most Probable Number of organisms per 100 millilitres

Terms

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery.
CRM	Certified Reference Material - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
USEPA	United States Environmental Protection Agency
APHA	American Public Health Association
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice
QSM	Quality Systems Manual ver 5.1 US Department of Defense
CP	Client Parent - QC was performed on samples pertaining to this report
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
TEQ	Toxic Equivalency Quotient

QC - Acceptance Criteria

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR : No Limit

Results between 10-20 times the LOR : RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

Surrogate Recoveries: Recoveries must lie between 50-150%-Phenols & PFASs

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.1 where no positive PFAS results have been reported have been reviewed and no data was affected.

WA DWER (n=10): PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Organochlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling.Therefore laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
7. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
8. Polychlorinated Biphenyls are spiked only using Aroclor 1260 in Matrix Spikes and LCS.
9. For Matrix Spikes and LCS results a dash " -" in the report means that the specific analyte was not added to the QC sample.
10. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-BHC	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-BHC	mg/kg	< 0.05			0.05	Pass	
d-BHC	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-BHC (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.2			0.2	Pass	
Toxaphene	mg/kg	< 1			1	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C6-C9	%	97			70-130	Pass	
TRH C10-C14	%	95			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	111			70-130	Pass	
Toluene	%	111			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	109			70-130	Pass	
o-Xylene	%	110			70-130	Pass	
Xylenes - Total	%	109			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	124			70-130	Pass	
TRH C6-C10	%	93			70-130	Pass	
TRH >C10-C16	%	98			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	87			70-130	Pass	
Acenaphthylene	%	92			70-130	Pass	
Anthracene	%	89			70-130	Pass	
Benz(a)anthracene	%	84			70-130	Pass	
Benzo(a)pyrene	%	89			70-130	Pass	
Benzo(b&j)fluoranthene	%	105			70-130	Pass	
Benzo(g.h.i)perylene	%	109			70-130	Pass	
Benzo(k)fluoranthene	%	94			70-130	Pass	
Chrysene	%	95			70-130	Pass	
Dibenz(a.h)anthracene	%	98			70-130	Pass	
Fluoranthene	%	92			70-130	Pass	
Fluorene	%	93			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	95			70-130	Pass	
Naphthalene	%	99			70-130	Pass	
Phenanthrene	%	91			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Pyrene	%	93			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
4.4'-DDD	%	119			70-130	Pass	
4.4'-DDE	%	114			70-130	Pass	
4.4'-DDT	%	118			70-130	Pass	
a-BHC	%	111			70-130	Pass	
Aldrin	%	122			70-130	Pass	
b-BHC	%	104			70-130	Pass	
d-BHC	%	117			70-130	Pass	
Dieldrin	%	118			70-130	Pass	
Endosulfan I	%	122			70-130	Pass	
Endosulfan II	%	119			70-130	Pass	
Endosulfan sulphate	%	124			70-130	Pass	
Endrin	%	124			70-130	Pass	
Endrin aldehyde	%	116			70-130	Pass	
Endrin ketone	%	122			70-130	Pass	
g-BHC (Lindane)	%	112			70-130	Pass	
Heptachlor	%	113			70-130	Pass	
Heptachlor epoxide	%	121			70-130	Pass	
Hexachlorobenzene	%	94			70-130	Pass	
Methoxychlor	%	120			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	95			70-130	Pass	
Cadmium	%	96			70-130	Pass	
Chromium	%	98			70-130	Pass	
Copper	%	99			70-130	Pass	
Lead	%	98			70-130	Pass	
Mercury	%	102			70-130	Pass	
Nickel	%	98			70-130	Pass	
Zinc	%	97			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1					
TRH C6-C9	S18-No16008	NCP	%	88			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S18-No16008	NCP	%	96			70-130	Pass	
Toluene	S18-No16008	NCP	%	93			70-130	Pass	
Ethylbenzene	S18-No16008	NCP	%	90			70-130	Pass	
m&p-Xylenes	S18-No16008	NCP	%	94			70-130	Pass	
o-Xylene	S18-No16008	NCP	%	93			70-130	Pass	
Xylenes - Total	S18-No16008	NCP	%	93			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
Naphthalene	S18-No16008	NCP	%	85			70-130	Pass	
TRH C6-C10	S18-No16008	NCP	%	89			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
4.4'-DDD	S18-No11737	NCP	%	118			70-130	Pass	
4.4'-DDT	S18-No13117	NCP	%	119			70-130	Pass	
Endrin ketone	S18-No15716	NCP	%	98			70-130	Pass	
Heptachlor	S18-No15716	NCP	%	89			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Heavy Metals				Result 1					
Lead	S18-No16005	NCP	%	88			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S18-No15832	CP	%	96			70-130	Pass	
Cadmium	S18-No15832	CP	%	98			70-130	Pass	
Chromium	S18-No15832	CP	%	97			70-130	Pass	
Copper	S18-No15832	CP	%	106			70-130	Pass	
Mercury	S18-No15832	CP	%	100			70-130	Pass	
Nickel	S18-No15832	CP	%	106			70-130	Pass	
Zinc	S18-No15832	CP	%	123			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S18-No15833	CP	%	75			70-130	Pass	
Acenaphthylene	S18-No15833	CP	%	81			70-130	Pass	
Anthracene	S18-No15833	CP	%	78			70-130	Pass	
Benz(a)anthracene	S18-No15833	CP	%	96			70-130	Pass	
Benzo(a)pyrene	S18-No15833	CP	%	99			70-130	Pass	
Benzo(b&j)fluoranthene	S18-No15833	CP	%	102			70-130	Pass	
Benzo(g.h.i)perylene	S18-No15833	CP	%	112			70-130	Pass	
Benzo(k)fluoranthene	S18-No15833	CP	%	89			70-130	Pass	
Chrysene	S18-No15833	CP	%	99			70-130	Pass	
Dibenz(a.h)anthracene	S18-No15833	CP	%	85			70-130	Pass	
Fluoranthene	S18-No15833	CP	%	114			70-130	Pass	
Fluorene	S18-No15833	CP	%	78			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S18-No15833	CP	%	95			70-130	Pass	
Naphthalene	S18-No15833	CP	%	85			70-130	Pass	
Phenanthrene	S18-No15833	CP	%	84			70-130	Pass	
Pyrene	S18-No15833	CP	%	115			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1					
TRH C10-C14	S18-No15835	CP	%	96			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
TRH >C10-C16	S18-No15835	CP	%	99			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
4.4'-DDE	S18-No15835	CP	%	117			70-130	Pass	
a-BHC	S18-No15835	CP	%	106			70-130	Pass	
Aldrin	S18-No15835	CP	%	114			70-130	Pass	
b-BHC	S18-No15835	CP	%	81			70-130	Pass	
d-BHC	S18-No15835	CP	%	114			70-130	Pass	
Dieldrin	S18-No15835	CP	%	123			70-130	Pass	
Endosulfan I	S18-No15835	CP	%	109			70-130	Pass	
Endosulfan II	S18-No15835	CP	%	113			70-130	Pass	
Endosulfan sulphate	S18-No15835	CP	%	108			70-130	Pass	
Endrin	S18-No15835	CP	%	90			70-130	Pass	
Endrin aldehyde	S18-No15835	CP	%	90			70-130	Pass	
g-BHC (Lindane)	S18-No15835	CP	%	72			70-130	Pass	
Heptachlor epoxide	S18-No15835	CP	%	114			70-130	Pass	
Hexachlorobenzene	S18-No15835	CP	%	111			70-130	Pass	
Methoxychlor	S18-No15835	CP	%	116			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C6-C9	S18-No16007	NCP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S18-No16007	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S18-No16007	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S18-No16007	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S18-No16007	NCP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S18-No16007	NCP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total	S18-No16007	NCP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S18-No16007	NCP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	S18-No16007	NCP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S18-No15831	CP	mg/kg	3.8	3.9	2.0	30%	Pass	
Cadmium	S18-No15831	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S18-No15831	CP	mg/kg	14	20	36	30%	Fail	Q15
Copper	S18-No15831	CP	mg/kg	26	38	37	30%	Fail	Q15
Lead	S18-No15831	CP	mg/kg	69	69	<1	30%	Pass	
Mercury	S18-No15831	CP	mg/kg	0.2	0.2	7.0	30%	Pass	
Nickel	S18-No15831	CP	mg/kg	17	66	120	30%	Fail	Q02
Zinc	S18-No15831	CP	mg/kg	110	120	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C10-C14	S18-No15834	CP	mg/kg	22	< 20	<1	30%	Pass	
TRH C15-C28	S18-No15834	CP	mg/kg	95	76	<1	30%	Pass	
TRH C29-C36	S18-No15834	CP	mg/kg	100	98	4.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
TRH >C10-C16	S18-No15834	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S18-No15834	CP	mg/kg	170	150	13	30%	Pass	
TRH >C34-C40	S18-No15834	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S18-No15834	CP	mg/kg	< 0.5	0.5	3.0	30%	Pass	
Benzo(b&j)fluoranthene	S18-No15834	CP	mg/kg	0.6	0.6	<1	30%	Pass	
Benzo(g.h.i)perylene	S18-No15834	CP	mg/kg	0.5	0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S18-No15834	CP	mg/kg	0.8	0.8	4.0	30%	Pass	
Fluorene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S18-No15834	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S18-No15834	CP	mg/kg	0.8	0.8	6.0	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S18-No15834	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-BHC	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-BHC	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-BHC	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-BHC (Lindane)	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S18-No15834	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S18-No15834	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Toxaphene	S18-No15834	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
% Moisture	S18-No15834	CP	%	4.7	4.7	<1	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
Q02	The duplicate %RPD is outside the recommended acceptance criteria. Further analysis indicates sample heterogeneity as the cause
Q15	The RPD reported passes Eurofins | mgt's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised By

Nibha Vaidya	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Gabriele Cordero	Senior Analyst-Metal (NSW)

Glenn Jackson
General Manager

Final report - this Report replaces any previously issued Report

- Indicates Not Requested

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

Measurement uncertainty of test data is available on request or please click here.

eurofins | mgt

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The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

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Warriewood
NSW 2102

Attention: **Ted Lilly**

Report **627394-L**
Project name MATRAVILLE
Project ID 1801039
Received Date Nov 13, 2018

Client Sample ID			**WC01**	**WC02**	**WC03**	**WC04**
Sample Matrix			**US Leachate**	**US Leachate**	**US Leachate**	**US Leachate**
Eurofins | mgt Sample No.			**S18-No15837**	**S18-No15838**	**S18-No15839**	**S18-No15840**
Date Sampled			**Nov 13, 2018**	**Nov 13, 2018**	**Nov 13, 2018**	**Nov 13, 2018**
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.002	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	92	71	78	68
p-Terphenyl-d14 (surr.)	1	%	105	81	85	78
Heavy Metals						
Arsenic	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Cadmium	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chromium	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Copper	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Lead	0.01	mg/L	< 0.01	< 0.01	< 0.01	0.02
Mercury	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Nickel	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Zinc	0.05	mg/L	0.12	0.24	0.23	0.38
USA Leaching Procedure						
Leachate Fluid[C01]		comment	1.0	1.0	1.0	1.0
pH (initial)	0.1	pH Units	7.6	6.8	6.8	8.4
pH (off)	0.1	pH Units	5.1	5.0	5.0	5.1
pH (USA HCl addition)	0.1	pH Units	1.8	1.8	1.7	1.8

Client Sample ID			WC05	WC06	WC07	WC08
Sample Matrix			US Leachate	US Leachate	US Leachate	US Leachate
Eurofins | mgt Sample No.			S18-No15841	S18-No15842	S18-No15843	S18-No15844
Date Sampled			Nov 13, 2018	Nov 13, 2018	Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PAH*	0.002	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	75	73	69	68
p-Terphenyl-d14 (surr.)	1	%	82	86	73	70
Heavy Metals						
Arsenic	0.01	mg/L	< 0.01	0.83	< 0.01	< 0.01
Cadmium	0.005	mg/L	< 0.005	< 0.005	< 0.005	0.008
Chromium	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Copper	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Lead	0.01	mg/L	< 0.01	0.02	0.01	0.02
Mercury	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Nickel	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Zinc	0.05	mg/L	0.19	0.56	0.18	1.2
USA Leaching Procedure						
Leachate Fluid[C01]		comment	1.0	1.0	1.0	1.0
pH (initial)	0.1	pH Units	8.0	7.8	8.7	8.1
pH (off)	0.1	pH Units	5.1	5.1	5.1	5.1
pH (USA HCl addition)	0.1	pH Units	1.8	1.8	1.7	1.8

Client Sample ID			WC09	WC10
Sample Matrix			US Leachate	US Leachate
Eurofins | mgt Sample No.			S18-No15845	S18-No15846
Date Sampled			Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit		
Polycyclic Aromatic Hydrocarbons				
Acenaphthene	0.001	mg/L	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001

Client Sample ID			WC09	WC10
Sample Matrix			US Leachate	US Leachate
Eurofins | mgt Sample No.			S18-No15845	S18-No15846
Date Sampled			Nov 13, 2018	Nov 13, 2018
Test/Reference	LOR	Unit		
Polycyclic Aromatic Hydrocarbons				
Chrysene	0.001	mg/L	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001
Total PAH*	0.002	mg/L	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	84	69
p-Terphenyl-d14 (surr.)	1	%	92	75
Heavy Metals				
Arsenic	0.01	mg/L	< 0.01	< 0.01
Cadmium	0.005	mg/L	< 0.005	< 0.005
Chromium	0.05	mg/L	< 0.05	< 0.05
Copper	0.05	mg/L	< 0.05	< 0.05
Lead	0.01	mg/L	0.17	0.15
Mercury	0.001	mg/L	< 0.001	< 0.001
Nickel	0.05	mg/L	< 0.05	< 0.05
Zinc	0.05	mg/L	0.31	0.28
USA Leaching Procedure				
Leachate Fluid[C01]		comment	1.0	1.0
pH (initial)	0.1	pH Units	7.6	8.6
pH (off)	0.1	pH Units	5.2	5.2
pH (USA HCl addition)	0.1	pH Units	1.7	1.7

Sample History

Where samples are submitted/analysed over several days, the last date of extraction and analysis is reported.
A recent review of our LIMS has resulted in the correction or clarification of some method identifications. Due to this, some of the method reference information on reports has changed. However, no substantive change has been made to our laboratory methods, and as such there is no change in the validity of current or previous results (regarding both quality and NATA accreditation).

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Eurofins | mgt Suite B9			
Polycyclic Aromatic Hydrocarbons	Sydney	Nov 13, 2018	7 Days
- Method:			
Metals M8	Sydney	Nov 14, 2018	28 Day
- Method:			
USA Leaching Procedure	Sydney	Nov 13, 2018	14 Day
- Method:			

eurofins | mgt

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Address: Bld Q2 Level 3, 2309/4 Daydream St
Warriewood
NSW 2102

Project Name: MATRAVILLE
Project ID: 1801039

Order No.:
Report #: 627394
Phone: 02 9979 1722
Fax: 02 9979 1222

Received: Nov 13, 2018 1:52 PM
Due: Nov 14, 2018
Priority: 1 Day
Contact Name: Ted Lilly

Eurofins | mgt Analytical Services Manager : Nibha Vaidya

Sample Detail						Polycyclic Aromatic Hydrocarbons	USA Leaching Procedure	Metals M8	Moisture Set	Eurofins | mgt Suite B9
Melbourne Laboratory - NATA Site # 1254 & 14271										
Sydney Laboratory - NATA Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA Site # 20794										
Perth Laboratory - NATA Site # 23736										
External Laboratory										
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**					
1	WC1	Nov 13, 2018		Soil	S18-No15827				X	X
2	WC2	Nov 13, 2018		Soil	S18-No15828				X	X
3	WC3	Nov 13, 2018		Soil	S18-No15829				X	X
4	WC4	Nov 13, 2018		Soil	S18-No15830				X	X
5	WC5	Nov 13, 2018		Soil	S18-No15831				X	X
6	WC6	Nov 13, 2018		Soil	S18-No15832				X	X
7	WC7	Nov 13, 2018		Soil	S18-No15833				X	X
8	WC8	Nov 13, 2018		Soil	S18-No15834				X	X
9	WC9	Nov 13, 2018		Soil	S18-No15835				X	X

eurofins | mgt

ABN– 50 005 085 521
e.mail : EnviroSales@eurofins.com
web : www.eurofins.com.au

Melbourne
2-5 Kingston Town Close
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Phone : +61 3 8564 5000
NATA # 1261
Site # 1254 & 14271

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Perth
2/91 Leach Highway
Kewdale WA 6105
Phone : +61 8 9251 9600
NATA # 1261
Site # 23736

Company Name: Geo-Logix P/L
Address: Bld Q2 Level 3, 2309/4 Daydream St
Warriewood
NSW 2102

Project Name: MATRAVILLE
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Order No.:
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Melbourne Laboratory - NATA Site # 1254 & 14271										
Sydney Laboratory - NATA Site # 18217						X	X	X	X	X
Brisbane Laboratory - NATA Site # 20794										
Perth Laboratory - NATA Site # 23736										
10	WC10	Nov 13, 2018		Soil	S18-No15836				X	X
11	WC01	Nov 13, 2018		US Leachate	S18-No15837	X	X	X		
12	WC02	Nov 13, 2018		US Leachate	S18-No15838	X	X	X		
13	WC03	Nov 13, 2018		US Leachate	S18-No15839	X	X	X		
14	WC04	Nov 13, 2018		US Leachate	S18-No15840	X	X	X		
15	WC05	Nov 13, 2018		US Leachate	S18-No15841	X	X	X		
16	WC06	Nov 13, 2018		US Leachate	S18-No15842	X	X	X		
17	WC07	Nov 13, 2018		US Leachate	S18-No15843	X	X	X		
18	WC08	Nov 13, 2018		US Leachate	S18-No15844	X	X	X		
19	WC09	Nov 13, 2018		US Leachate	S18-No15845	X	X	X		
20	WC10	Nov 13, 2018		US Leachate	S18-No15846	X	X	X		
Test Counts						10	10	10	10	10

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

****NOTE:** pH duplicates are reported as a range NOT as RPD

Units

mg/kg: milligrams per kilogram

mg/L: milligrams per litre

ug/L: micrograms per litre

ppm: Parts per million

ppb: Parts per billion

%: Percentage

org/100mL: Organisms per 100 millilitres

NTU: Nephelometric Turbidity Units

MPN/100mL: Most Probable Number of organisms per 100 millilitres

Terms

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery.
CRM	Certified Reference Material - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
USEPA	United States Environmental Protection Agency
APHA	American Public Health Association
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice
QSM	Quality Systems Manual ver 5.1 US Department of Defense
CP	Client Parent - QC was performed on samples pertaining to this report
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
TEQ	Toxic Equivalency Quotient

QC - Acceptance Criteria

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR : No Limit

Results between 10-20 times the LOR : RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

Surrogate Recoveries: Recoveries must lie between 50-150%-Phenols & PFASs

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.1 where no positive PFAS results have been reported have been reviewed and no data was affected.

WA DWER (n=10): PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Organochlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling.Therefore laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
7. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
8. Polychlorinated Biphenyls are spiked only using Aroclor 1260 in Matrix Spikes and LCS.
9. For Matrix Spikes and LCS results a dash " -" in the report means that the specific analyte was not added to the QC sample.
10. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Heavy Metals							
Arsenic	mg/L	< 0.01			0.01	Pass	
Cadmium	mg/L	< 0.005			0.005	Pass	
Chromium	mg/L	< 0.05			0.05	Pass	
Copper	mg/L	< 0.05			0.05	Pass	
Lead	mg/L	< 0.01			0.01	Pass	
Mercury	mg/L	< 0.001			0.001	Pass	
Nickel	mg/L	< 0.05			0.05	Pass	
Zinc	mg/L	< 0.05			0.05	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	108			70-130	Pass	
Cadmium	%	103			70-130	Pass	
Chromium	%	103			70-130	Pass	
Copper	%	100			70-130	Pass	
Lead	%	99			70-130	Pass	
Mercury	%	94			70-130	Pass	
Nickel	%	102			70-130	Pass	
Zinc	%	100			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S18-No15843	CP	%	116			70-130	Pass	
Cadmium	S18-No15843	CP	%	102			70-130	Pass	
Chromium	S18-No15843	CP	%	104			70-130	Pass	
Copper	S18-No15843	CP	%	99			70-130	Pass	
Lead	S18-No15843	CP	%	101			70-130	Pass	
Mercury	S18-No15843	CP	%	94			70-130	Pass	
Nickel	S18-No15843	CP	%	101			70-130	Pass	
Zinc	S18-No15843	CP	%	99			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1	Result 2	RPD	Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Mercury	S18-No15718	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S18-No15844	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Cadmium	S18-No15844	CP	mg/L	0.008	0.007	10	30%	Pass	
Chromium	S18-No15844	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Copper	S18-No15844	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Lead	S18-No15844	CP	mg/L	0.02	0.02	16	30%	Pass	
Nickel	S18-No15844	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Zinc	S18-No15844	CP	mg/L	1.2	1.4	12	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
C01	Leachate Fluid Key: 1 - pH 5.0; 2 - pH 2.9; 3 - pH 9.2; 4 - Reagent (DI) water; 5 - Client sample, 6 - other
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs

Authorised By

Nibha Vaidya	Analytical Services Manager
Andrew Sullivan	Senior Analyst-Organic (NSW)
Gabriele Cordero	Senior Analyst-Metal (NSW)

Glenn Jackson
General Manager

Final report - this Report replaces any previously issued Report

- Indicates Not Requested

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

Measurement uncertainty of test data is available on request or please click here.

Melbourne
3-5 Kingston Town Close
Oakleigh Vic 3166
Phone : +61 3 8564 5000
NATA # 1261
Site # 1254 & 14271

Sydney
Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane
1/21 Smallwood Place
Murarrie QLD 4172
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NATA # 1261 Site # 20794

Perth
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Phone : +61 8 9251 9600
NATA # 1261 Site # 23736

ABN – 50 005 085 521 e.mail : EnviroSales@eurofins.com web : www.eurofins.com.au

Sample Receipt Advice

Company name:	**Geo-Logix P/L**
Contact name:	Ted Lilly
Project name:	MATRAVILLE
Project ID:	1801039
COC number:	Not provided
Turn around time:	1 Day
Date/Time received:	Nov 13, 2018 1:52 PM
Eurofins | mgt reference:	**627394**

Sample information

☑ A detailed list of analytes logged into our LIMS, is included in the attached summary table.

☑ Sample Temperature of a random sample selected from the batch as recorded by Eurofins | mgt Sample Receipt : 19.7 degrees Celsius.

☑ All samples have been received as described on the above COC.

☑ COC has been completed correctly.

☑ Attempt to chill was evident.

☑ Appropriately preserved sample containers have been used.

☑ All samples were received in good condition.

☑ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

☑ Appropriate sample containers have been used.

☒ Split sample sent to requested external lab.

☒ Some samples have been subcontracted.

N/A Custody Seals intact (if used).

Contact notes

If you have any questions with respect to these samples please contact:

Nibha Vaidya on Phone : +61 (2) 9900 8415 or by e.mail: NibhaVaidya@eurofins.com

Results will be delivered electronically via e.mail to Ted Lilly - tlilly@geo-logix.com.au.

Geo gix Pty Ltd
Build g Q2, Level 3
2309/4 Daydream St
Warriewood, NSW 2102
ABN: 86 116 892 936
P: (02) 9979 1722
F: (02) 9979 1222

CHAIN OF CUSTODY

Project Manager: Ted W...
Contact email: ...@geo-logix.com.au
Project Name: Matraville
Project Number: 180130 Date Submitted: 13/11

Page 1 of 1
Purchase Order No:
Quote Reference:
Send Invoice to: accounts@geo-logix.com.au
TAT required: ASAP

ANALYSIS REQUIRED

Lab ID	Sample ID	Date	Matrix: soil	water	air	paint, filters	other	Comments	COMPOSITE	TRH - C6 - C10	TRH - C10 - C40	VOCs	BTEXN	PAHs	PCBs	OCPs	OPPs	Phenols	Metals - M8	Metals - Lead	Metals - Specify **	TCLP (PAH + OCP)	Asbestos (ID only)	Asbestos (WA DOH)	Foreign Materials	Conductivity (EC)	pH			Hold	SUITE
	WC1	13/11	X					Suite B4		X	X		X	X		X			X			X								
	WC2							Tcle PAHs/8																						
	WC3																													
	WC4																													
	WC5																													
	WC6																													
	WC7																													
	WC8																													
	WC9																													
	WC10									X	X		X	X		X			X			X								

Metals(circle)** As, Cd, Cr, Cu, Ni, Pb, Zn, Hg, Cr^{6+}, Cr^{3+}, Fe^{2+}, Fe^{3+}, Be, B, Al, V, Mn, Fe, Co, Se, Sr, Sn, Mo, Ag, Ba, Tl, Bi, Sb

Chain of Custody

Relinquished by: [signature] Date/Time: 13/... Signature: [signature] Received by: Suzanne Date/Time: 13/11/18 1:52PM Signature: [signature]

627394

ATTACHMENT G

ENVIROGUARD PTY LTD

85-87 QUARRY RD ERSKINE PARK NSW 2759

CLEANAWAY
Making a sustainable future possible

Daily Customer Report

[redacted]

Date: 21/11/2018

In	Out	Docket	Vehicle	Gross	Tare	Net	Job	Order	Approval No	Product	Quantity	UOM
9:18	9:18	EPI1626\1	KW4040	47.74	16.56	31.18		1065365	A18224	NSW_Asbestos Contaminated Soil	31.18	T
9:25	9:25	EPI1627\1	CAM937	46.14	16.34	29.80		1066604	A18224	NSW_Asbestos Contaminated Soil	29.80	T
10:50	10:50	EPI1632\1	CAM977	48.52	16.20	32.32		1057111	A18224	NSW_Asbestos Contaminated Soil	32.32	T
11:17	11:17	EPI1637\1	SPG021	47.14	16.66	30.48		962162	A18224	NSW_Asbestos Contaminated Soil	30.48	T
11:49	11:49	EPI1642\1	KW4040	46.44	16.56	29.88		1065366	A18224	NSW_Asbestos Contaminated Soil	29.88	T
12:21	12:21	EPI1646\1	CAM937	47.50	16.34	31.16		1066605	A18224	NSW_Asbestos Contaminated Soil	31.16	T
12:46	13:00	EPI1648\1	CO71QO	47.48	16.58	30.90		1055351	A18224	NSW_Asbestos Contaminated Soil	30.90	T
13:15	13:15	EPI1652\1	SPG024	47.14	16.44	30.70		1044612	A18224	NSW_Asbestos Contaminated Soil	30.70	T
13:17	13:17	EPI1653\1	CAM934	47.14	16.44	30.70		1064061	A18224	NSW_Asbestos Contaminated Soil	30.70	T
13:20	13:20	EPI1655\1	SPG020	46.64	16.70	29.94		879984	A18224	NSW_Asbestos Contaminated Soil	29.94	T
13:47	13:47	EPI1660\1	CAM977	46.90	16.20	30.70		1057112	A18224	NSW_Asbestos Contaminated Soil	30.70	T
											337.76	

Matraville to Cleanaway 211118

ENVIROGUARD PTY LTD
85-87 QUARRY RD ERSKINE PARK NSW 2759

CLEANAWAY
Making a sustainable future possible

Daily Customer Report

[redacted]

Date: 19/11/2018

In	Out	Docket	Vehicle	Gross			Order	Approval No	Product	Quantity	UOM
8:58	8:58	EPI1514\1	CAM932	49.14	16.38	32.76	1052129	A18224	NSW_Asbestos Contaminated Soil	32.76	T
10:06	10:06	EPI1525\1	CAM937	49.64	16.34	33.30	1061745	A18224	NSW_Asbestos Contaminated Soil	33.30	T
10:36	10:55	EPI1528\1	CAM934	49.76	16.44	33.32	1070352	A18224	NSW_Asbestos Contaminated Soil	33.32	T
11:21	11:34	EPI1535\1	SPG025	47.44	16.26	31.18	981673	A18224	NSW_Asbestos Contaminated Soil	31.18	T
11:55	11:55	EPI1538\1	CAM932	48.42	16.38	32.04	1052129	A18224	NSW_Asbestos Contaminated Soil	32.04	T
12:08	12:08	EPI1540\1	SPG024	48.08	16.44	31.64	1044606	A18224	NSW_Asbestos Contaminated Soil	31.64	T
12:15	12:15	EPI1541\1	SPG023	47.72	16.52	31.20	935818	A18224	NSW_Asbestos Contaminated Soil	31.20	T
12:39	12:39	EPI1544\1	BQ86VL	50.76	18.20	32.56	1044537	A18224	NSW_Asbestos Contaminated Soil	32.56	T
12:50	12:50	EPI1545\1	AC40AS	49.04	17.02	32.02	1044740	A18224	NSW_Asbestos Contaminated Soil	32.02	T
13:11	13:11	EPI1549\1	CAM937	47.36	16.34	31.02	1061746	A18224	NSW_Asbestos Contaminated Soil	31.02	T
										321.04	

ENVIROGUARD PTY LTD

85-87 QUARRY RD ERSKINE PARK NSW 2759

CLEANAWAY
Making a sustainable future possible

Daily Customer Report

[redacted]

Date: 5/12/2018

In	Out	Docket	Vehicle	Gross	Tare	Net	Job	Order	Approval No	Product	Quantity	UOM
8:57	8:57	EPI2318\1	CAM951	49.96	18.00	31.96		1063816	A18224	NSW_Asbestos Contaminated Soil	31.96	T
11:07	11:20	EPI2335\1	CAM921	51.22	18.06	33.16		1061188	A18224	NSW_Asbestos Contaminated Soil	33.16	T
11:08	11:08	EPI2336\1	CAM937	48.58	16.34	32.24		1061671	A18224	NSW_Asbestos Contaminated Soil	32.24	T
11:15	11:15	EPI2340\1	CAM938	55.54	17.74	37.80		1060795	A18224	NSW_Asbestos Contaminated Soil	37.80	T
11:42	11:42	EPI2347\1	CAM932	48.44	16.38	32.06		1066624	A18224	NSW_Asbestos Contaminated Soil	32.06	T
12:05	12:05	EPI2351\1	CAM977	46.44	16.20	30.24		1057136	A18224	NSW_Asbestos Contaminated Soil	30.24	T
12:18	12:18	EPI2355\1	CK76ZK	52.60	18.78	33.82		1016538	A18224	NSW_Asbestos Contaminated Soil	33.82	T
12:28	12:28	EPI2358\1	CK75ZK	49.30	18.50	30.80		1060419	A18224	NSW_Asbestos Contaminated Soil	30.80	T
12:56	12:56	EPI2360\1	CAM971	50.14	18.06	32.08		1070329	A18224	NSW_Asbestos Contaminated Soil	32.08	T
13:02	13:02	EPI2362\1	CAM936	48.74	18.02	30.72		1063799	A18224	NSW_Asbestos Contaminated Soil	30.72	T
13:07	13:07	EPI2363\1	NJS243	47.28	16.66	30.62		1044150	A18224	NSW_Asbestos Contaminated Soil	30.62	T
13:22	13:22	EPI2365\1	CAM927	49.48	16.42	33.06		1065199	A18224	NSW_Asbestos Contaminated Soil	33.06	T
13:49	13:49	EPI2370\1	CAM937	48.30	16.34	31.96		1061672	A18224	NSW_Asbestos Contaminated Soil	31.96	T
13:51	13:51	EPI2371\1	CAM939	53.48	17.78	35.70		1066564	A18224	NSW_Asbestos Contaminated Soil	35.70	T
14:17	14:17	EPI2377\1	CAM932	48.30	16.38	31.92		1066625	A18224	NSW_Asbestos Contaminated Soil	31.92	T
											488.14	

ENVIROGUARD PTY LTD
85-87 QUARRY RD ERSKINE PARK NSW 2759

CLEANAWAY
Making a sustainable future possible

Daily Customer Report

[redacted]

Date: **12/12/2018**

In	Out	Docket	Vehicle	Gross	Tare	Net	Approval No	Product	Quantity	UOM
8:39	8:39	EPM23\1	CAM937	51.08	16.34	34.74	A18224	NSW_Asbestos Contaminated Soil	34.74	T
9:00	9:00	EPI2673\1	CAM938	55.92	17.74	38.18	A18224	NSW_Asbestos Contaminated Soil	38.18	T
9:05	9:05	EPI2674\1	NJS243	48.44	16.66	31.78	A18224	NSW_Asbestos Contaminated Soil	31.78	T
10:21	10:21	EPI2693\1	CAM977	49.48	16.20	33.28	A18224	NSW_Asbestos Contaminated Soil	33.28	T
11:00	11:00	EPI2699\1	CAM934	47.52	16.44	31.08	A18224	NSW_Asbestos Contaminated Soil	31.08	T
11:38	11:56	EPI2713\1	XN89EA	55.34	18.02	37.32	A18224	NSW_Asbestos Contaminated Soil	37.32	T
11:53	11:53	EPI2720\1	CAM937	47.62	16.34	31.28	A18224	NSW_Asbestos Contaminated Soil	31.28	T
12:08	12:08	EPM24\1	CAM938	53.26	17.74	35.52	A18224	NSW_Asbestos Contaminated Soil	35.52	T
12:18	12:18	EPI2725\1	NJS243	46.44	16.66	29.78	A18224	NSW_Asbestos Contaminated Soil	29.78	T
12:57	12:57	EPI2734\1	CAM939	53.42	17.78	35.64	A18224	NSW_Asbestos Contaminated Soil	35.64	T
13:16	13:29	EPI2739\1	XN88EA	48.40	18.08	30.32	A18224	NSW_Asbestos Contaminated Soil	30.32	T
13:37	13:37	EPI2744\1	CAM977	48.56	16.20	32.36	A18224	NSW_Asbestos Contaminated Soil	32.36	T
									401.28	

ENVIROGUARD PTY LTD
85-87 QUARRY RD ERSKINE PARK NSW 2759

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Daily Customer Report

In	Out	Docket	Vehicle	Gross	Tare	Net	Order	Approval No	Product	Quantity	UOM
11:54	11:54	EPI2998\1	CAM971	49.52	18.06	31.46	1070252	A18224	NSW_Asbestos Contaminated Soil	31.46	T
12:53	12:53	EPI3009\1	SPG026	50.42	16.82	33.60	1062808	A18224	NSW_Asbestos Contaminated Soil	33.60	T
13:05	13:05	EPI3010\1	CAM936	50.76	18.02	32.74	1062067	A18224	NSW_Asbestos Contaminated Soil	32.74	T
13:17	13:17	EPI3012\1	SPG024	48.54	16.38	32.16	1044613	A18224	NSW_Asbestos Contaminated Soil	32.16	T
13:19	13:19	EPI3013\1	SPG025	48.84	16.26	32.58	981674	A18224	NSW_Asbestos Contaminated Soil	32.58	T
13:24	13:24	EPI3014\1	SPG027	50.76	18.38	32.38	935873	A18224	NSW_Asbestos Contaminated Soil	32.38	T
14:13	14:13	EPI3022\1	CAM939	47.16	17.78	29.38	1066582	A18224	NSW_Asbestos Contaminated Soil	29.38	T
14:47	14:47	EPI3032\1	CAM973	52.60	18.50	34.10	1025458	A18224	NSW_Asbestos Contaminated Soil	34.10	T
14:54	14:54	EPI3035\1	CAM971	50.04	18.06	31.98	1070253	A18224	NSW_Asbestos Contaminated Soil	31.98	T
						290.38					

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Daily Customer Report

Customer: **BULK TRANSPORT SOLUTIONS P/L (BTSSOL)**
Date: **19/12/2018**

In	Out	Docket	Vehicle	Gross	Tare	Net	Order	Approval No	Product	Quantity	UOM
7:45	7:45	EPI3046\1	CAM934	45.76	16.44	29.32	1063074	A18224	NSW_Asbestos Contaminated Soil	29.32	T
						29.32					

Matraville to Enviroguard 191218

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