

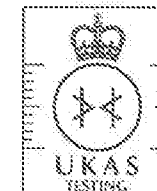


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Westhampton, BN16 4AX

Our Ref: J143510 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 14/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-1	ENV21	MW1	Location 1; Behind site welfare	09.15	10.15	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-2	RY2	MW2	Location 2; Along entrance road, within site	09.15	10.15	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-3	50	MW3	Location 3; Next to DCU	09.16	10.16	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-4	ENV41	MW4	Location 4; Corner of Roundstone road	09.17	10.17	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-5	ENV21	MW1	Location 5; Along transit route	10.47	11.47	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-6	RY2	MW2	Location 6; along transit route	10.48	11.48	8.0	8.0	8.0	480	200	3	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 26

Stage Micrometer: WSM 13

Thermometer: BTC 26

Tally Counter: S/US

Flow Meter: FM22

Environment:

Temperature (°C): 16

Pressure (mb): 1018

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during on going ground works located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16
4AX

Our Ref: J143510 - FC12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 14/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-7	0236	MW5	On operative Donald Anderson, in digger cab	10.25	11.27	3.0	3.0	3.0	186	100	2	0.005	<0.05

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 25

Stage Micrometer: WSM 13

Thermometer: BTC 25

Tally Counter: 8/US

Flow Meter: FM22

Environment:

Temperature (°C): 18

Pressure (mb): 1018

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: -

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments Personal air testing carried out during the asbestos muck away of remediation area to designated on site asbestos mound. Operative operating a digger, loading material onto a dumper.

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



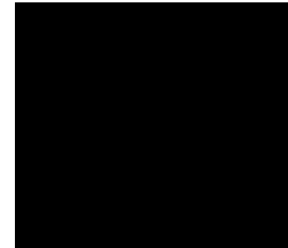
ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143150 FC12

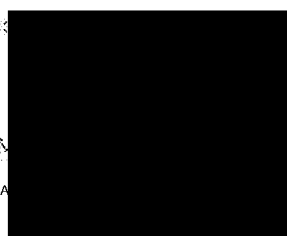
Personal Monitoring Observation Form



Type & Scale of work:	Remediation ground works of former Nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒ Confirming appropriate RPE being worn ☐
General control measures in use: (select all that apply)			
Enclosure (under negative pressure)	☐	Partial enclosure	☐ Injection ☐
Gel/Foam	☐	Shadow vacuum	☐ Spraying ☐
Other (Please specify):	Decontamination unit, exclusion zone		
Sampling Details:			
Operative's Name/job title:	Donald Anderson, digger driver		
Type of RPE worn:	N/A		
Length of time Operative is / has been exposed:	Unknown		
Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:			
Asbestos identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Movement of asbestos containing earth material to a designated pile. Earth is loaded onto a dumper by a digger and transported within an exclusion zoned route to mound.			
Is the asbestos in good or bad condition (as per the method statements description): Degraded			
Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):			
External location			
Time weighted average (4 Hour TWA) = $\frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$ Not required			
Where F = concentration f/ml T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5			
Notes: The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to access the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.			

Analyst: M Wagstaff

Signature:





ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16 4AX

Our Ref: J143510 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 14/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-8	50	MW3	Location 7; along transit road	10.50	11.50	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-9	ENV41	MW4	Location 8; along transit road	10.51	11.51	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-10	ENV21	MW1	Location 9; along transit road	12.27	13.27	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC-11	RY2	MW2	Location 10; adjacent asbestos mound	12.27	13.27	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-12	50	MW3	Location 11; within remediation area, adjacent site entrance road	12.30	13.30	8.0	8.0	8.0	480	200	2	0.001	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 26

Stage Micrometer: WSM 13

Thermometer: BTC 26

Tally Counter: S/US

Flow Meter: FM22

Environment:

Temperature (°C): 24

Pressure (mb): 1017

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEET/02/ISSUED 7/NOV06

PRINT NAME: M Wagstaff





ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Westhampton, BN16 4AX

Our Ref: J143511 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 15/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-1	ENV21	MW1	Location 1; Next to residents house	09.22	10.24	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-2	RY2	MW2	Location 2; opposite asbestos mound	09.22	10.24	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-3	50	MW3	Location 3; opposite DCU	09.24	10.24	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-4	ENV41	MW4	Location 4; along transit route	09.24	10.24	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-6	ENV21	MW1	Location 5; along transit route	10.52	11.52	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-7	RY2	MW2	Location 6; along transit route	10.52	11.52	8.0	8.0	8.0	480	200	1.5	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 26

Stage Micrometer: WSM 13

Thermometer: BTC 26

Tally Counter: S/US

Flow Meter: FM22

Environment:

Temperature (°C): 23

Pressure (mb): 1017

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/

PRINT NAME: M Wagstaff

OV06

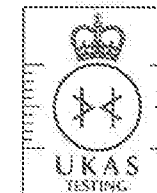


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16 4AX

Our Ref: J143511 - FC12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 15/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-5	0236	MW5	On operative Stewart Wear, in dumper cab	10.50	11.55	3.0	3.0	3.0	195	100	1	0.003	<0.05

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 25

Stage Micrometer: WSM 13

Thermometer: BTC 25

Tally Counter: 8/US

Flow Meter: FM22

Environment:

Temperature (°C): 18

Pressure (mb): 1018

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: -

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments Personal air testing carried out during the asbestos muck away of remediation area to designated on site asbestos mound. Operative operating a dumper, transporting material.

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



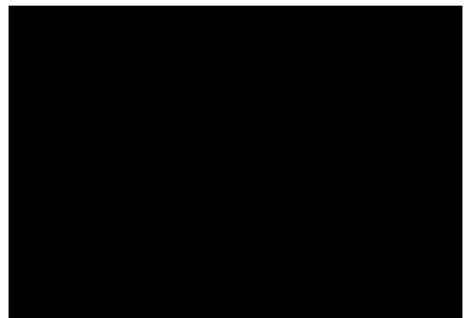
ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143511 FC12

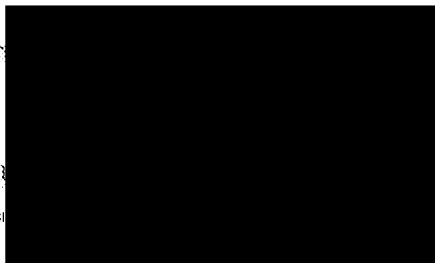
Personal Monitoring Observation Form



Type & Scale of work:	Remediation ground works of former Nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒ Confirming appropriate RPE being worn ☐
General control measures in use: (select all that apply)			
Enclosure (under negative pressure)	☐	Partial enclosure	☐ Injection ☐
Gel/Foam	☐	Shadow vacuum	☐ Spraying ☒
Other (Please specify):	Decontamination unit, exclusion zone		
Sampling Details:			
Operative's Name/job title:	Stewart Wear, dumper driver		
Type of RPE worn:	N/A		
Length of time Operative is / has been exposed:	Unknown		
Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:			
Asbestos identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Movement of asbestos containing earth material to a designated pile. Earth is loaded onto a dumper by a digger and transported within an exclusion zoned route to mound.			
Is the asbestos in good or bad condition (as per the method statements description): Degraded			
Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):			
External location			
Time weighted average (4 Hour TWA) = $\frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$ Not required			
Where F = concentration f/ml T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5			
Notes: The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to access the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.			

Analyst: M Wagstaff

Signature



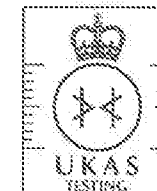


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16
4AX

Our Ref: J143511 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 15/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-8	50	MW3	Location 7; along transit road	10.50	11.50	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-9	ENV41	MW4	Location 8; along transit road	10.51	11.51	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-10	ENV21	MW1	Location 9; along transit road	12.27	13.27	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-11	50	MW2	Location 10; adjacent asbestos mound	12.27	13.27	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-12	RY2	MW5	Location 11; within remediation area, adjacent site entrance road	12.30	13.30	8.0	8.0	8.0	480	200	4	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 24

Pressure (mb): 1017

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE: [REDACTED]

(on behalf of Envirochem by an authorised signatory)

PRINT NAME: M Wagstaff





ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Westhampton, BN16 4AX

Our Ref: J143512 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 16/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-1	ENV21	MW1	Location 1; Along entrance road	09.01	10.01	8.0	8.0	8.0	480	200	2	0.002	<0.01
FC-2	RY2	MW2	Location 2; T junction to Roundstone road	09.02	10.02	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-3	50	MW3	Location 3; next to resident's house	09.04	10.04	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-4	61	MW4	Location 4; opposite DCU	09.05	10.05	8.0	8.0	8.0	480	200	2.5	0.002	<0.01
FC-6	ENV21	MW1	Location 5; along transit route	10.52	11.52	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-7	RY2	MW2	Location 6; along transit route	10.52	11.52	8.0	8.0	8.0	480	200	2	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 26

Stage Micrometer: WSM 13

Thermometer: BTC 26

Tally Counter: S/US

Flow Meter: FM22

Environment:

Temperature (°C): 16

Pressure (mb): 1020

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16 4AX

Our Ref: J143512 - FC12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 16/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-5	0236	MW5	On operative Paul Mackley, in dumper cab	09.06	10.10	3.0	3.0	3.0	192	100	1	0.003	<0.05

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 25

Stage Micrometer: WSM 13

Thermometer: BTC 25

Tally Counter: 8/US

Flow Meter: FM22

Environment:

Temperature (°C): 18

Pressure (mb): 1018

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: -

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments Personal air testing carried out during the asbestos muck away of remediation area to designated on site asbestos mound. Operative operating a dumper, transporting material.

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143152 FC12

Personal Monitoring Observation Form

Type & Scale of work:	Remediation ground works of former Nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒
		Confirming appropriate RPE being worn	☐
General control measures in use: (select all that apply)			
Enclosure (under negative pressure)	☐	Partial enclosure	☐
Gel/Foam	☐	Shadow vacuum	☐
Other (Please specify):		Decontamination unit, exclusion zone	
Injection ☐			
Spraying ☒			
Sampling Details:			
Operative's Name/job title:	Paul Mackley, dumper driver		
Type of RPE worn:	N/A		
Length of time Operative is / has been exposed:	Unknown		
Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:			
Asbestos identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Movement of asbestos containing earth material to a designated pile. Earth is loaded onto a dumper by a digger and transported within an exclusion zoned route to mound.			
Is the asbestos in good or bad condition (as per the method statements description):			
Degraded			
Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):			
External location			
Time weighted average (4 Hour TWA) = $\frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$			
Not required			
Where F = concentration f/ml			
T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5			
Notes: The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to access the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.			

Analyst: M Wagstaff

Signature

ENVIROCHEM

ARUN DISTRICT COUNCIL

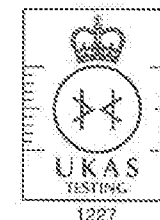


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16
4AX

Our Ref: J143512 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 16/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-8	50	MW3	Location 7; along transit road	10.40	11.40	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-9	ENV41	MW4	Location 8; along transit road	10.41	11.41	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-10	ENV21	MW1	Location 9; along transit road	12.15	13.15	8.0	8.0	8.0	480	200	3.5	0.001	<0.01
FC-11	50	MW2	Location 10; Next to asbestos waste skip	12.16	13.16	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-12	RY2	MW5	Location 11; adjacent site boundary and warehouses	12.17	13.17	8.0	8.0	8.0	480	200	4	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 15

Pressure (mb): 1017

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

PRINT NAME: M Wagstaff

J143512 FC12

16/05/18

Page 5 of 5



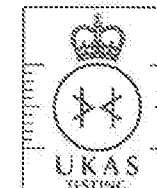


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Westhampton, BN16
4AX

Our Ref: J143513 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 17/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-1	ENV21	MW1	Location 1; Along entrance road	09.02	10.02	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-2	RY2	MW2	Location 2; T junction to Roundstone road	09.03	10.03	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-3	50	MW3	Location 3; next to resident's house	09.04	10.04	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-4	ENV41	MW4	Location 4; opposite DCU	09.04	10.04	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-5	ENV21	MW1	Location 5; along transit route	10.34	11.34	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-6	RY2	MW2	Location 6; along transit route	10.34	11.34	8.0	8.0	8.0	480	200	1	0.001	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 18

Pressure (mb): 1020

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

PRINT NAME: M Wagstaff



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16 4AX

Our Ref: J143513 - FC12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 17/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-9	0236	MW5	On operative Donald Anderson, in digger cab	10.42	11.45	3.0	3.0	3.0	186	100	1.5	0.004	<0.05

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

5. For clearance sampling, this report must be read in conjunction with the certificate of reoccupation.

2. Samples collected by the client are evaluated using information provided by the client.

4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 25

Stage Micrometer: WSM 13

Thermometer: BTC 25

Tally Counter: 8/US

Flow Meter: FM22

Environment:

Temperature (°C): 18

Pressure (mb): 1018

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: -

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments

Personal air testing carried out within remediation area to establish the airborne fibre concentrations during on going ground works.

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143153 FC12

Personal Monitoring Observation Form

Type & Scale of work:	Remediation ground works of former Nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒ Confirming appropriate RPE being worn ☐
General control measures in use: (select all that apply)			
Enclosure (under negative pressure)	☐	Partial enclosure	☐ Injection ☐
Gel/Foam	☐	Shadow vacuum	☐ Spraying ☒
Other (Please specify):	Decontamination unit, exclusion zone		
Sampling Details:			
Operative's Name/job title:	Donald Anderson, digger driver		
Type of RPE worn:	N/A		
Length of time Operative is / has been exposed:	Unknown		
Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:			
Asbestos identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Movement of asbestos containing earth material to a designated pile and general ground works.			
Is the asbestos in good or bad condition (as per the method statements description): Degraded			
Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):			
External location			
Time weighted average (4 Hour TWA) = $\frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$ Not required			
Where F = concentration f/ml T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5			
Notes: The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to access the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.			

Analyst: M Wastaff

Signature

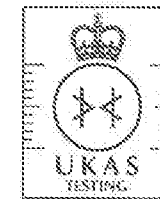


ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

SITE ADDRESS: West End Nursery, Roundstone Lane, Angmering, Littlehampton, BN16
4AX

Our Ref: J143513 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 17/05/2018

DATE OF ANALYSIS (if different):

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
FC-7	50	MW3	Location 7; along transit road	10.36	11.36	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-8	ENV41	MW4	Location 8; along transit road	10.37	11.37	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-10	ENV21	MW1	Location 9; along transit road	12.15	13.15	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-11	50	MW2	Location 10; Next to asbestos waste skip	12.16	13.16	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-12	RY2	MW5	Location 11; adjacent site boundary and warehouses	12.17	13.17	8.0	8.0	8.0	480	200	4	0.002	<0.01

1. Unless otherwise stated, the detection limit is 0.01 fibres/ml.

3. Comments, observations and opinions are outside the scope of UKAS accreditation.

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4. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.

Equipment Numbers:

Microscope: Meiji 10

Barometer: BTC 26

Stage Micrometer: WSM 13

Thermometer: BTC 26

Tally Counter: S/US

Flow Meter: FM22

Environment:

Temperature (°C): 15

Pressure (mb): 1017

Correction Factor (F): -

Diam. of dust deposit (D) (mm): 22.5

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

Blank Filter

Head: 5

Graticules:

Fibres:

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

Comments

Reassurance air monitoring during the transit of asbestos containing earth material from remediation area to designated contaminated mound. Route located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

CONSULTATION

