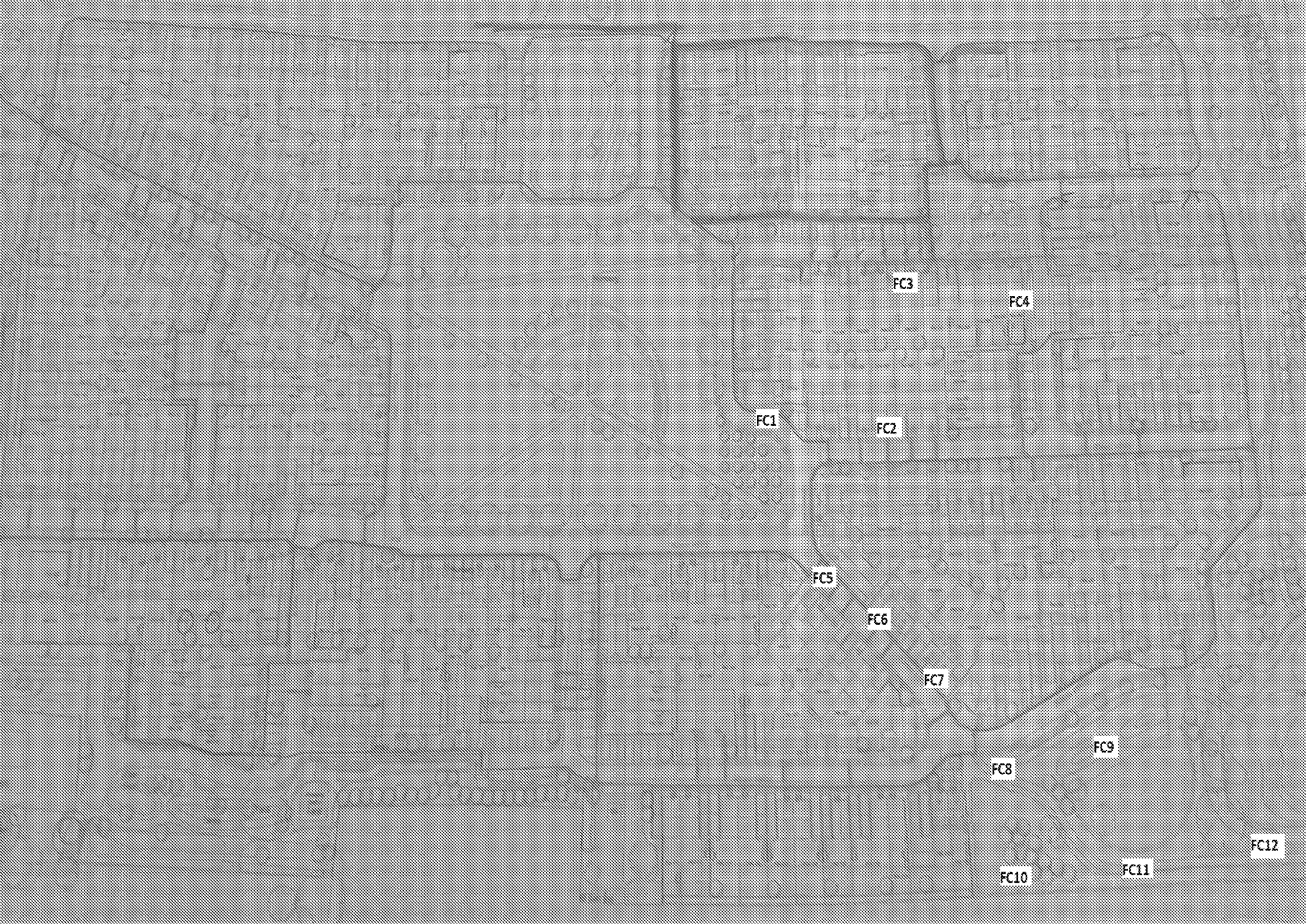




FC3

FC4

FC1

FC2

FC5

FC6

FC7

FC9

FC8

FC10

FC11

FC12



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: J145691 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 02/06/2018

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 site welfare and main site road	09.28	09.58	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-2	RY2	MW2	Location 2; along side asbestos mound	09.28	09.58	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-3	50	MW3	Location 3; along side asbestos mound	09.32	10.02	16.0	16.0	16.0	480	200	1	0.001	<0.01
FC-4	ENV41	MW4	Location 4; along side asbestos mound	09.32	10.02	16.0	6.0	16.0	480	200	2.5	0.001	<0.01
FC-5	ENV21	MW5	Location 5; front of asbestos mound	10.16	10.36	16.0	16.0	16.0	480	200	3.5	0.002	<0.01
FC-6	RY2	MW2	Location 6; front of asbestos mound	10.16	10.36	16.0	16.0	16.0	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): 18

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 on going ground works. Site 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: J145691 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 02/06/2018

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; Front of asbestos mound, along road	10.17	10.47	16.0	16.0	16.0	480	200	3.5	0.002	<0.01
FC-8	ENV41	MW4	Location 8; Front of asbestos mound, along road	10.17	10.47	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-9	ENV21	MW1	Location 9; within exclusion zone, middle section	11.00	11.30	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-10	RY2	MW2	Location 10; Next to asbestos waste skip	11.01	11.31	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-11	50	MW3	Location 11; within exclusion zone, adjacent warehouses	11.04	11.34	16.0	16.0	16.0	480	200	1.5	0.001	<0.01
FC-12	ENV41	MW4	Location 12; within exclusion zone, adjacent warehouses	11.04	11.34	16.0	16.0	16.0	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): 20

Pressure (mb): 1017

Correction Factor (F): -

Blank Filter

Head: 5

Graticules:

Fibres:

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

Test Slide (5 bands): Yes/No

W/B Grat diameter (µm): 100

Place of Analysis:

Lab

On Site

Mob Lab RF11 PVK

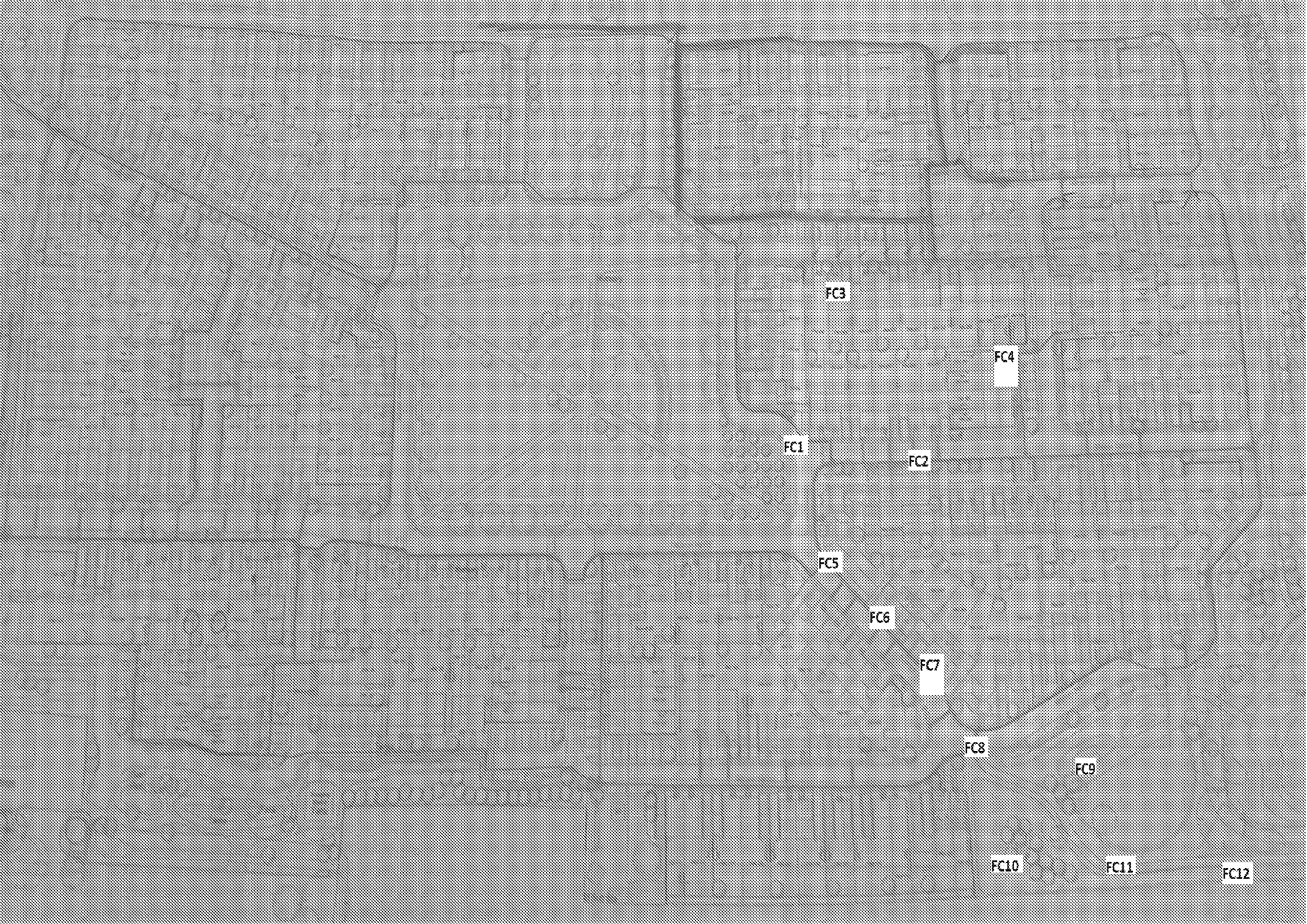
Comments

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

SIGNATURE:

(on behalf of Envirochem)

PRINT NAME: M Wagstaff



FC3

FC4

FC1

FC2

FC5

FC6

FC7

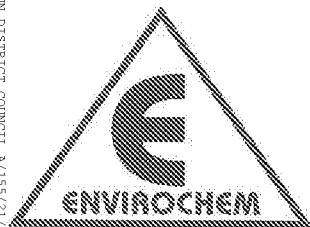
FC8

FC9

FC10

FC11

FC12

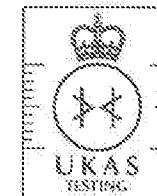


ENVIROCHEM

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: J143524 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 04/06/2018

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 site welfare and main site road	08.56	09.56	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-2	RY2	MW2	Location 2; along side asbestos mound	08.56	09.56	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-3	50	MW3	Location 3; along side asbestos mound	09.00	10.00	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC-4	ENV41	MW4	Location 4; along side asbestos mound	09.00	10.00	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-5	ENV21	MW1	Location 5; front of asbestos mound, recycling station	10.29	11.29	8.0	8.0	8.0	480	200	3.5	0.002	<0.01
FC-6	RY2	MW2	Location 6; front of asbestos mound	10.29	11.29	8.0	8.0	8.0	480	200	0.5	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): 19

Pressure (mb): 1014

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

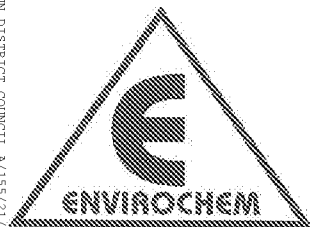
Reassurance air monitoring during on going ground works. Site located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

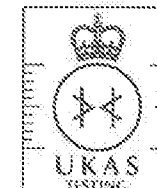


ENVIROCHEM

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: J143524 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 04/06/2018

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; front of asbestos mound	10.38	11.38	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-8	61	MW4	Location 8; front of in fill hole	10.38	11.38	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-10	61	MW1	Location 9; within exclusion zone, opposite warehouses	11.58	12.58	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-11	RY2	MW2	Location 10; within exclusion zone, opposite warehouses	12.00	13.00	8.0	8.0	8.0	480	200	4	0.002	<0.01
FC-12	50	MW3	Location 11; within exclusion zone, opposite warehouses	12.02	13.02	8.0	8.0	8.0	480	200	1.5	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): 21

Pressure (mb): 1013

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

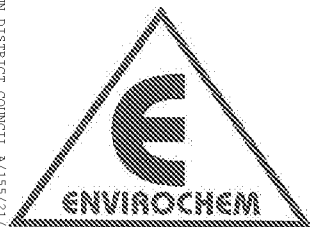
Comments Reassurance air monitoring during ongoing ground works. See map for sampling locations. Results: satisfactory

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: J143524 - FC12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 04/06/2018

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 Chris O'Neil, in catapiller cab	11.45	13.07	3.0	3.0	3.0	246	100	1.5	0.003	<0.04

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): 21

Pressure (mb): 1013

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: MW5

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments Personal air testing carried out during digging and ground spreading within contaminated area to establish airborne fibre concentration to operative.

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: J143524 FC12

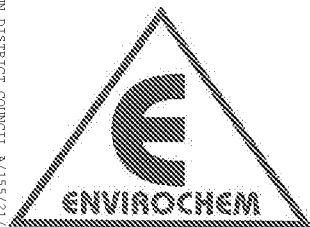
Personal Monitoring Observation Form

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: Chris O'Neil			
Type of RPE worn: N/A			
Length of time Operative is / has been exposed: Approximately 4.5 hours			
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 materials identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Spreading contaminated material that has been dumped within in fill hole.			
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, Westhampton, BN16
4AX

Our Ref: J1453525 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 05/06/2018

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 car park and main site road	09.05	10.05	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-2	RY2	MW2	Location 2; along side asbestos mound	09.05	10.05	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-3	50	MW3	Location 3; along side asbestos mound	09.09	10.09	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-4	ENV41	MW4	Location 4; along side asbestos mound	09.09	10.09	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-5	ENV21	MW1	Location 5; front of asbestos mound, recycling station	10.36	11.36	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-6	RY2	MW2	Location 6; front of asbestos mound	10.36	11.36	8.0	8.0	8.0	480	200	1.5	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): 17

Pressure (mb): 1014

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

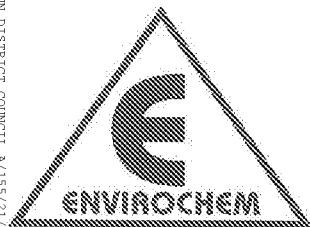
Reassurance air monitoring during on going ground works. Site located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

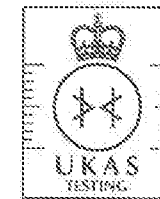


ENVIROCHEM

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: J143525 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 05/06/2018

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; front of asbestos mound	10.38	11.38	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-8	61	MW4	Location 8; front of in fill hole	10.38	11.38	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-10	61	MW1	Location 9; within exclusion zone, opposite warehouses	11.58	12.58	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-11	RY2	MW2	Location 10; within exclusion zone, opposite warehouses	12.00	13.00	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-12	50	MW3	Location 11; within exclusion zone, opposite warehouses	12.02	13.02	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): 22

Pressure (mb): 1014

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

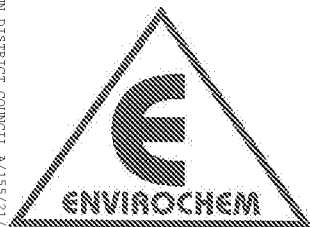
Reassurance air monitoring during ongoing ground works. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

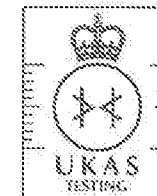


ENVIROCHEM

Analytical Laboratories Ltd

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

Fibre Counting Report



1227

CLIENT: Blaze Construction

Our Ref: J143525 - FC12

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

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 05/06/2018

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 Stewart Wier, in dumper cab	11.53	13.01	3.0	3.0	3.0	195	100	1	0.003	<0.04

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): 21

Pressure (mb): 1013

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: MW5

Graticules: -

Fibres: -

Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

Comments Personal air testing carried out during digging and ground spreading within contaminated area to establish airborne fibre concentration to operative.

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: J143525 FC12

Personal Monitoring Observation Form

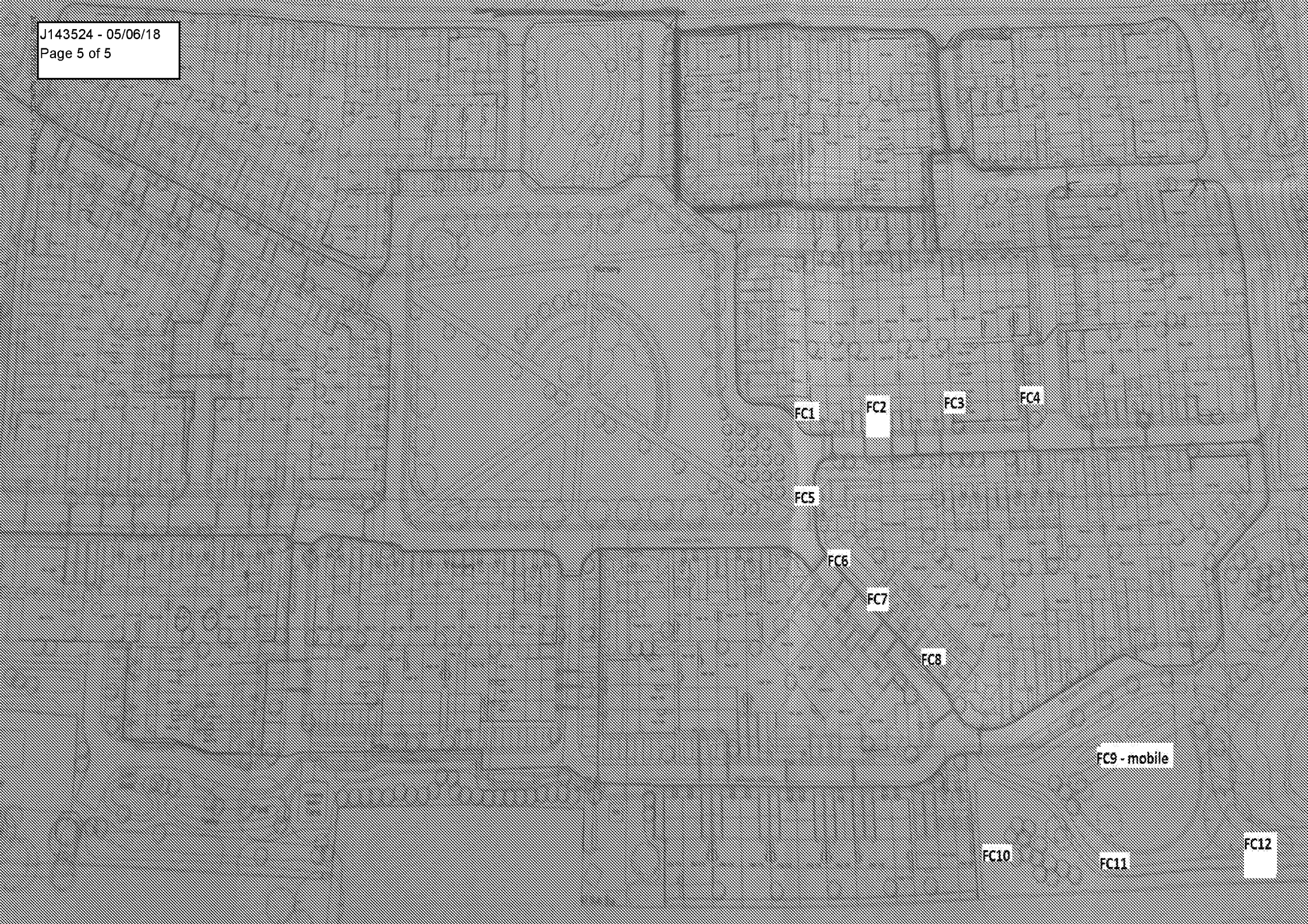
Type & Scale of work:	Remediation ground works of former nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒
		Confirming appropriate RPE being worn	☒
General control measures in use: (select all that apply)			
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:	Stewart Wier, dumper driver		
Type of RPE worn:	N/A		
Length of time Operative is / has been exposed:	Approximately 4.5 hours		
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 materials identified within the soil matrix			
General Description of activities being undertaken during sampling:			
Transporting contaminated material from asbestos mound to fill hole.			
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

JULY17



FC1

FC2

FC3

FC4

FC5

FC6

FC7

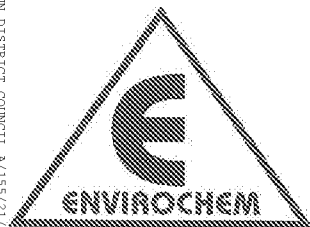
FC8

FC9 - mobile

FC10

FC11

FC12



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: J1453565 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 06/06/2018

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 car park and main site road	09.04	10.04	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-2	RY2	MW2	Location 2; along side asbestos mound	09.04	10.04	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC-3	50	MW3	Location 3; along side asbestos mound	09.08	10.08	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-4	A1	MW4	Location 4; along side asbestos mound	09.08	10.08	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-5	ENV21	MW1	Location 5; front of asbestos mound, recycling station	10.32	11.32	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-6	RY2	MW2	Location 6; front of asbestos mound	10.32	10.32	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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 20

Pressure (mb): 1012

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

Perimeter reassurance air monitoring during on going ground works within asbestos exclusion zone. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem Ltd by authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

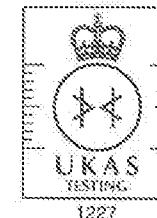


ENVIROCHEM

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: J143526 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 06/06/2018

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; front of asbestos mound	10.35	11.35	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-8	A1	MW4	Location 8; front of in fill hole	10.35	11.35	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-9	ENV21	MW1	Location 9; front of in fill hole	11.55	12.55	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-10	RY2	MW2	Location 10; front of in fill hole	11.55	12.55	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-11	50	MW3	Location 11; adjacent warehouses	11.57	12.57	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-12	A1	MW4	Location 12; adjacent warehouses	12.06	13.06	8.0	8.0	8.0	480	200	2.5	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): 22

Pressure (mb): 1014

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

Perimeter reassurance air monitoring during ongoing ground works within asbestos exclusion zone. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff