



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: J143151 FC-12

Your Ref:

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: Stefan Kitchener

ANALYSED BY (if different):

DATE OF SAMPLING: 08:05:18

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)					
8	A4	SK2	Westerly perimeter of excavation, At perimeter fence (approx 10m from works)	11:09	12:09	8.0	8.0	8.0	480	200	0.0	0.000	<0.01
9	ENV42	SK3	Northerly perimeter of excavation, At perimeter fence, by access gate (approx 30m from works)	11:10	12:10	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
10	ABC	SK4	Easterly perimeter of excavation, By site office car park (approx 50m from works)	11:11	12:11	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
11	PO2	SK5	South-westerly perimeter of excavation (approx 40m away, Outside neighbouring property's rear garden fence line)	11:13	12:13	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: Meji 12

Stage Micrometer: WSM-21

Tally Counter: 2/US

Barometer: BTC-37

Thermometer: BTC-37

Flow Meter: FM45

Environment:

Temperature (°C): 24

Pressure (mb): 1009

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: SK7

Graticules:

Fibres:

Place of Analysis:

Lab HY14 DFC

On Site

Lab

Comments

For exact sample locations see plan on back page. Reassurance air testing carried out in various locations around asbestos contaminated earth. Air testing to ascertain airborne fibre concentration. Results satisfactory. Sample 8 - Filter was damp and un-readable due to sprayer operating nearby.

SIGNATURE

(on behalf of E)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: Stefan Kitchener



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: J143151 FC-12

Your Ref:

SAMPLING PROTOCOL: Personal

SAMPLED BY: Stefan Kitchener

ANALYSED BY (if different):

DATE OF SAMPLING: 08:05:18

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)					
7	AP3	SK6	Ant Tarrant - Economics Supervisor - During removal of amosite from soil	09:44	10:01	3.0	3.0	3.0	51	200	1.0	0.005	<0.094
12	AP3	SK6	Ant Tarrant - Economics Supervisor - During watching brief during excavation of soil that may contain ACM's	11:17	13:01	3.0	3.0	3.0	366	200	1.5	0.001	<0.013

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

Equipment Numbers:

Microscope: Meji 12

Stage Micrometer: WSM21

Tally Counter: 2/US

Barometer: BTC-37

Thermometer: BTC-37

Flow Meter: FM50

Environment:

Temperature (°C): 22

Pressure (mb): 1009

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: SK6

Graticules:

Fibres:

Place of Analysis:

Lab HY14 DFC

Site

Mob Lab

Comments

Personal monitoring carried out during excavation of contaminated soil. Air testing to ascertain airborne fibre concentration. See plan for sample location.

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/T

PRINT NAME: Stefan Kitchener

NOV06



ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143151 FC-12

Personal Monitoring Observation Form

Type & Scale of work: Economics Insulations removing small amount of loose amosite detected in small mound /
Watching during excavation of soil that may contain ACM's

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):

Sampling Details:

Operative's Name/job title: Ant Tarrant - Economics Supervisor

Type of RPE worn: P3 Mask

Length of time Operative is / has been exposed: 17mins

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:

Small amounts of loose asbestos insulation detected within soil near surface, soil around detected ACM removed by digging with hand shovels and wetting down

General Description of activities being undertaking during sampling:

Digging of area around detected ACMS during wetting down, wetted soil then placed carefully into asbestos bags and removed from site

Is the asbestos in good or bad condition (as per the method statements description): Broken in ground

Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):

Time weighted average (4 Hour TWA) =
$$\frac{(F1 \times T1) + (F2 \times T2) + \dots (Fn \times Tn)}{4}$$
 TWA = NA f/ml

Where F = concentration f/ml

T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5

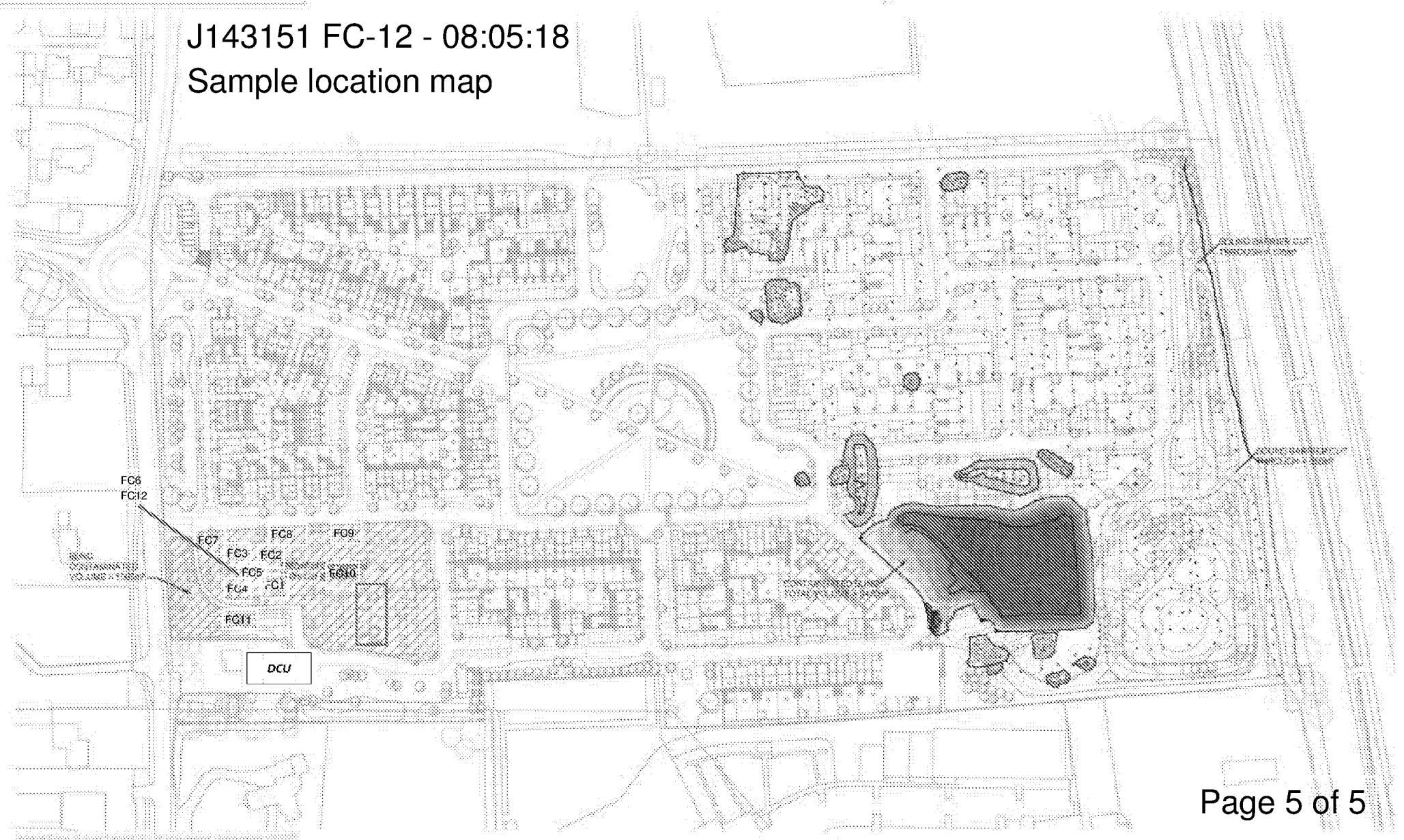
Notes: The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to access the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short 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: Stefan Kitchener

Signature

J143151 FC-12 - 08:05:18

Sample location map



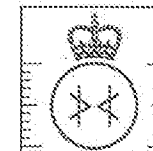


ENVIROCHEM

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Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

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

Our Ref: J143152

Your Ref:

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: Stefan Kitchener

ANALYSED BY (if different):

DATE OF SAMPLING: 09:05:18

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)					
1	ENV24	SK1	North-western perimeter of excavation (approx 40m away, Directly outside plot 46)	09:13	10:13	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
2	A4	SK2	Northerly perimeter of excavation (approx 20m away, Directly outside plot 42)	09:14	10:14	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
3	ENV42	SK3	North-easterly perimeter of excavation (approx 30m away, Directly outside No.23)	09:15	10:15	8.0	8.0	8.0	480	200	1.0	0.001	<0.01
4	ABC	SK4	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	09:20	10:20	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
5	PO2	SK5	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	09:20	10:20	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
	ENV24	SK1	North-western perimeter of excavation (approx 40m away, Directly outside plot 46)	10:48	11:48	8.0	8.0	8.0	480	200	0.5	0.001	<0.01

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

Equipment Numbers:

Microscope: Meji 12
Stage Micrometer: WSM-21
Tally Counter: 2/US

Barometer: BTC-37
Thermometer: BTC-37
Flow Meter: FM45

Environment:

Temperature (°C): 21
Pressure (mb): 1009
Correction Factor (F): -

Blank Filter

Head: SK7
Graticules:
Fibres:

Place of Analysis:

Lab HY14 DFC
On Site
Mob Lab

Comments For exact sample locations see plan on back page. Reassurance air testing carried out in various locations around asbestos contaminated earth. Air testing to ascertain airborne fibre concentration. Results satisfactory.

SIGNATURE

(on behalf of)

ENVIROCHEM

PRINT NAME: Stefan Kitchener

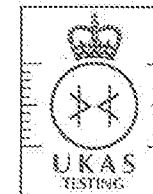


ENVIROCHEM

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Fibre Counting Report



CLIENT: Blaze Construction

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

Our Ref: J143152 FC-12

Your Ref:

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: Stefan Kitchener

ANALYSED BY (if different):

DATE OF SAMPLING: 09:05:18

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)					
7	A4	SK2	Northerly perimeter of excavation (approx 20m away, Directly outside plot 42)	10:49	11:49	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
8	ENV42	SK3	North-easterly perimeter of excavation (approx 30m away, Directly outside No.23)	10:50	11:50	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
9	ABC	SK4	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	10:52	11:52	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
10	PO2	SK5	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	10:52	11:52	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
11	ABC	SK1	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	12:41	13:41	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
12	PO2	SK2	South-easterly perimeter of mound behind excavation (approx <5m away, Outside neighbouring property's rear garden fence)	12:41	13:41	8.0	8.0	8.0	480	200	0.5	0.001	<0.01

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

Equipment Numbers:

Microscope: Meji 12
Stage Micrometer: WSM-21
Tally Counter: 2/US

Barometer: BTC-37
Thermometer: BTC-37
Flow Meter: FM45

Environment:

Temperature (°C): 21
Pressure (mb): 1009
Correction Factor (F): -

Blank Filter

Head: SK7
Graticules:
Fibres:

Place of Analysis:

Lab HY14 DFC
On Site
Mob Lab

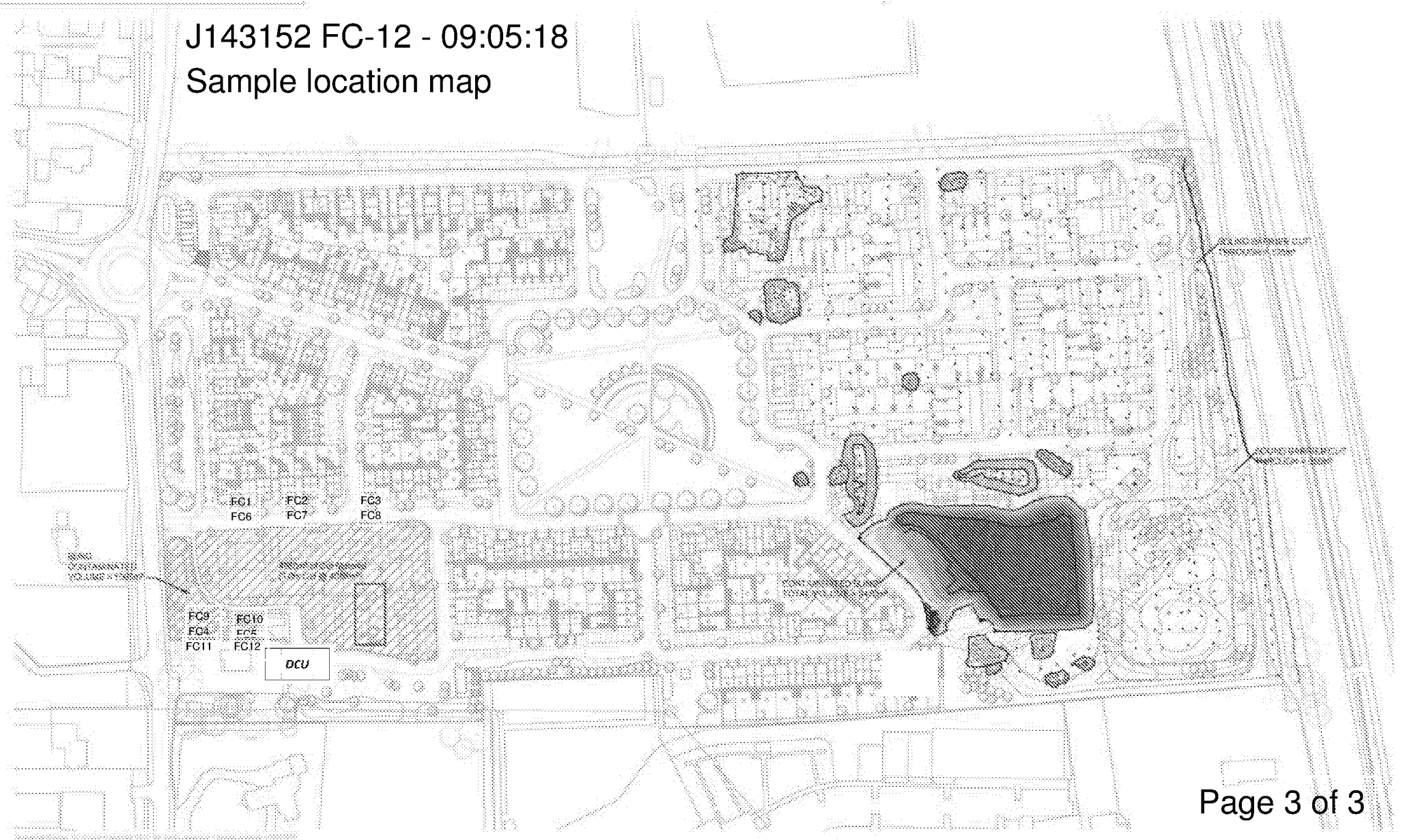
Comments For exact sample locations see plan on back page. Reassurance air testing carried out in various locations around asbestos contaminated earth. Air testing to ascertain airborne fibre concentration. Results satisfactory.

SIGNATURE
(on behalf of)
ENVIROCHEM

PRINT NAME: Stefan Kitchener

J143152 FC-12 - 09:05:18

Sample location map



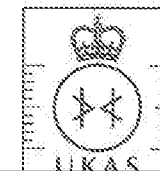


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12 The Gardens, Broadcut, Fareham
Hampshire. PO16 8SS

Fibre Counting Report



CLIENT: Blaze Construction

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

Our Ref: J14 15 - FC12

Your Ref: No Number Stated

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: Marc Pohl

ANALYSED BY (if different): -

DATE OF SAMPLING: 10.05.2018

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)					
FC1	ENV28	M1	South western perimeter of excavation area, adjacent to main road	09:48	10:48	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC2	FU2	M2	West of excavation area, adjacent to main road	09:49	10:49	8.0	8.0	8.0	480	200	1.0	0.001	<0.01
FC3	24	M3	West of excavation area, adjacent to main road	09:50	10:50	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC4	F	M4	North west of excavation area, adjacent to main road	09:51	10:51	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC5	ENV28	M5	North perimeter fence	11:22	12:22	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC6	24	M6	North perimeter fence	11:2	12:2	8.0	8.0	8.0	480	200	0.5	0.001	<0.01

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

Equipment Numbers:

Microscope: PCM7

Barometer: BTC 39

Stage Micrometer: WSM 16

Thermometer: BTC 39

Tally Counter: 2/US

Flow Meter: FM 3

Environment:

Temperature (°C): 21

Pressure (mb): 101

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: M7

Graticules: -

Fibres: -

Place of Analysis:

Lab HX63 YVK

On Site

Mod Lab

Comments

Reassurance air monitoring to determine airborne fiber concentrations around the perimeter of the asbestos contaminated area during ground remediation works
Air test results: Satisfactory.

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FOF

PRINT NAME: Marc Pohl

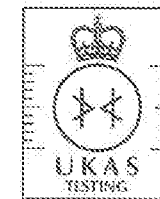


ENVIROCHEM

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: J14 15 - FC12

Your Ref: No Number Stated

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: Marc Pohl

ANALYSED BY (if different): -

DATE OF SAMPLING: 10.05.2018

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)					
FC7	F	M1	orth perimeter fence	11:24	12:24	8.0	8.0	8.0	480	200	2.0	0.001	<0.01
FC8	FU2	M2	orth perimeter fence	11:24	12:24	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC9	F	M3	South perimeter Bottom of mound close to where foundations are being dug	12: 5	13: 5	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
FC10	F 2	M4	South perimeter Bottom of mound close to where foundations are being dug	12: 5	1 : 5	8.0	8.0	8.0	480	200	1.0	0.002	<0.01
FC11	ENV28	M5	South perimeter Bottom of mound close to where foundations are being dug	12:	1 :	8.0	8.0	8.0	480	200	1.0	0.001	<0.01
FC12	24	M6	South perimeter ext to water sprayer	12:	1 :	8.0	8.0	8.0	480	200	1.5	0.001	<0.01

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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: PCM7

Barometer: BTC 39

Stage Micrometer: WSM 16

Thermometer: BTC 39

Tally Counter: 2/US

Flow Meter: FM 3

Environment:

Temperature (°C): 21

Pressure (mb): 101

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: M7

Graticules: -

Fibres: -

Place of Analysis:

Lab HX63 YVK

On Site

Mod Lab

Comments

Reassurance air monitoring to determine airborne fiber concentrations around the perimeter of the asbestos contaminated area during ground remediation works

Air test results: Satisfactory.

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/F

PRINT NAME: Marc Pohl

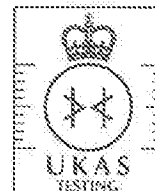


ENVIROCHEM

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Fibre Counting Report



CLIENT: Blaze Construction

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

Our Ref: J143154 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 11/05/2018

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; Within Blaze site compound	09.24	10.24	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-2	RY2	MW2	Location 2; entrance gate opposite houses	09.25	10.25	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-3	50	MW3	Location 3; along wooden panel fencing to site entrance 1	09.29	10.29	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-4	ENV41	MW4	Location 4; along wooden panel fencing to site entrance 2	09.31	10.31	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-5	ENV21	MW1	Location 5; staff car park	10.41	11.41	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-6	RY2	MW2	Location 6; road near asbestos mound	10.42	11.42	8.0	8.0	8.0	480	200	2.5	0.001	<0.01

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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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 16

Pressure (mb): 1015

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/FORMS/WORKSHEETS/02/ISSUED/NOV06

PRINT NAME: M Wagstaff



ENVIROCHEM

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CLIENT: Blaze Construction

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

Our Ref: J143154 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 11/05/2018

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 fencing adjacent asbestos mound	10.44	11.44	8.0	8.0	8.0	480	200	2.5	0.001	<0.01
FC-8	ENV41	MW4	Location 8; along fencing adjacent asbestos mound	10.45	11.45	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-9	ENV21	MW1	Location 9; Along road opposite asbestos mound	12.04	13.04	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-10	RY2	MW2	Location 10; Along road opposite asbestos mound	12.05	13.05	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-11	50	MW3	Location 11; Left side of exclusion zone entrance	12.08	13.08	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-12	ENV41	MW4	Location 12; Right side of exclusion zone entrance	12.10	13.10	8.0	8.0	8.0	480	200	2	0.001	<0.01

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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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

Environment:

Temperature (°C): 16

Pressure (mb): 1015

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

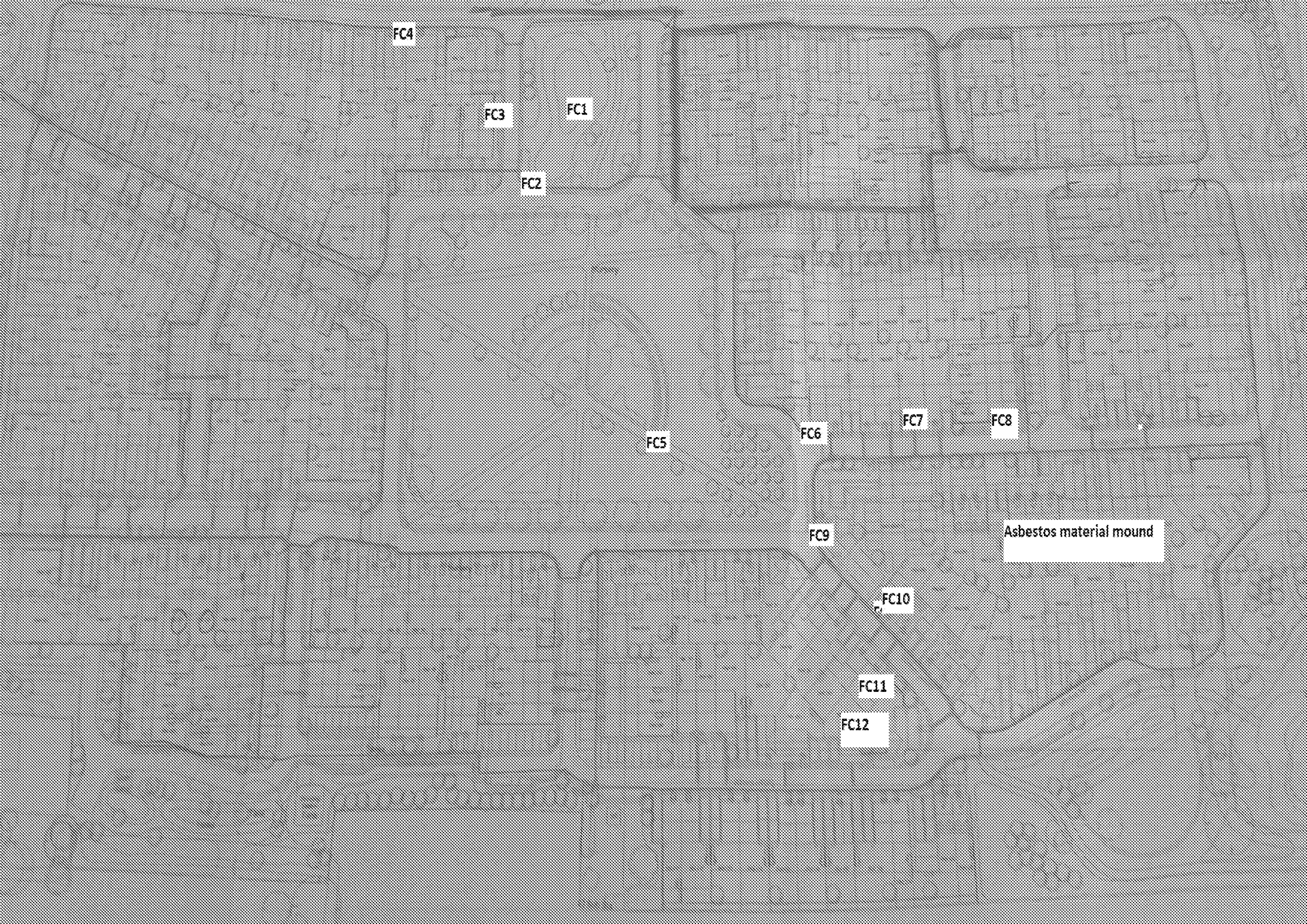
Reassurance air monitoring during on going ground works located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



FC4

FC3

FC1

FC2

FC5

FC6

FC7

FC8

FC9

FC10

FC11

FC12

Asbestos material mound



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: J144280- FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 12/05/2018

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; Within Blaze site compound	08.46	09.16	16.0	16.0	16.0	480	200	1	0.001	<0.01
FC-2	RY2	MW2	Location 2; entrance gate opposite houses	08.47	09.17	16.0	16.0	16.0	480	200	2	0.001	<0.01
FC-3	50	MW3	Location 3; along wooden panel fencing to site entrance 1	08.49	09.19	16.0	16.0	16.0	480	200	1	0.001	<0.01
FC-4	ENV41	MW4	Location 4; along wooden panel fencing to site entrance 2	08.51	09.21	16.0	16.0	16.0	480	200	1	0.001	<0.01
FC-5	61	MW5	Location 5; staff car park	08.54	09.24	16.0	16.0	16.0	480	200	0.5	0.001	<0.01
FC-6	ENV21	MW1	Location 6; road near asbestos mound	09.33	10.03	16.0	16.0	16.0	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): 13

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

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

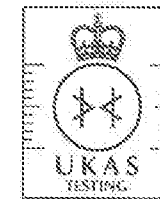


ENVIROCHEM

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: J144280 - FC12

Your Ref: N/A

SAMPLING PROTOCOL: Reassurance

SAMPLED BY: M Wagstaff

ANALYSED BY (if different):

DATE OF SAMPLING: 12/05/2018

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	RY2	MW2	Location 7; along fencing adjacent asbestos mound	09.35	10.05	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-8	50	MW3	Location 8; along fencing adjacent asbestos mound	09.36	10.06	8.0	8.0	8.0	480	200	3	0.002	<0.01
FC-9	ENV41	MW4	Location 9; Along road opposite asbestos mound	09.40	10.10	8.0	8.0	8.0	480	200	1	0.001	<0.01
FC-10	61	MW5	Location 10; Along road opposite asbestos mound	10.22	10.52	8.0	8.0	8.0	480	200	2	0.001	<0.01
FC-11	50	MW3	Location 11; Left side of exclusion zone entrance	10.24	10.54	8.0	8.0	8.0	480	200	1.5	0.001	<0.01
FC-12	ENV41	MW4	Location 12; Right side of exclusion zone entrance	10.24	10.54	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): 13

Pressure (mb): 1012

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

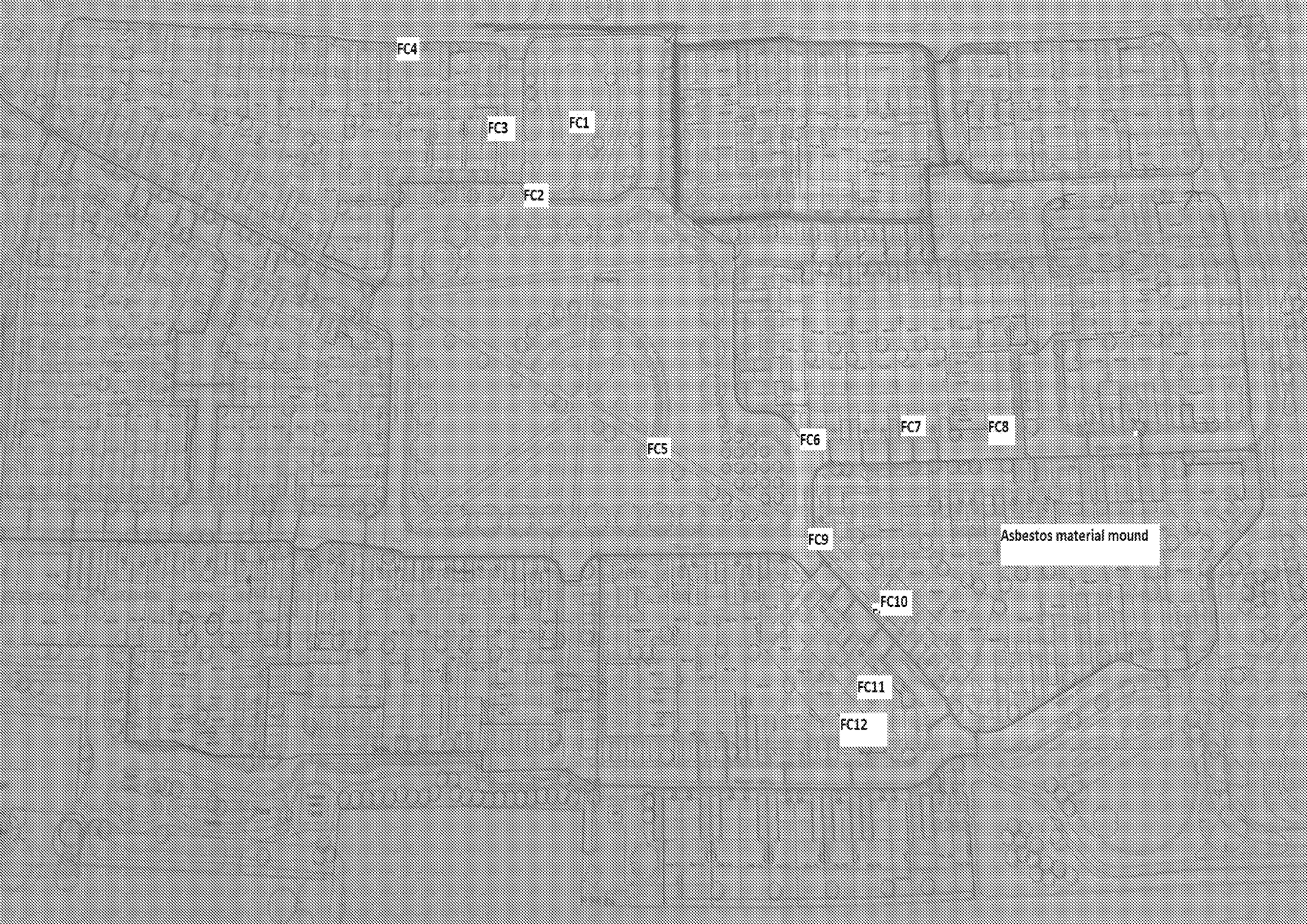
Reassurance air monitoring during on going ground works located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



FC4

FC3

FC1

FC2

FC5

FC6

FC7

FC8

FC9

FC10

FC11

FC12

Asbestos material mound



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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

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

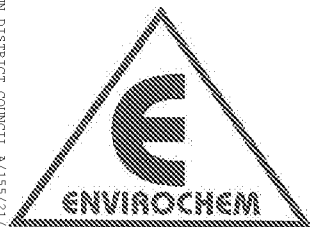
Reassurance air monitoring during on going ground works located near to housing estate. See map for sampling locations. Results: satisfactory

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 Grat 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)

ENVIROCHEM/FC

PRINT NAME: M Wagstaff

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ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens
Broadcut, Fareham
Hampshire. PO16 8SS

Ref No: J143150 FC12

Personal Monitoring Observation Form

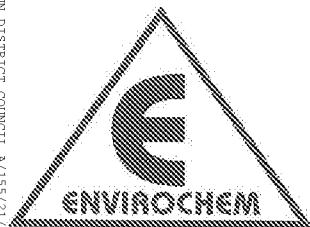
Type & Scale of work:	Remediation ground works of former Nursery		
Purpose of monitoring: (select all that apply)			
Checking effectiveness of methods	☒	Providing data for personal exposure records	☒ Confirming appropriate RPE being worn ☐
General control measures in use: (select all that apply)			
Enclosure (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

Sign:

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ARUN DISTRICT C



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 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 by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff