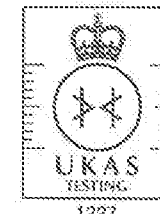


# ENVIROCHEM

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:** J143517 - FC12

**Your Ref:**

**SAMPLING PROTOCOL:** Personal

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 23/05/2018

**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-12      | 0236 | MW5  | On operative Stewart Wear, in dumper cab | 11.53   | 12.55    | 3.0               | 3.0           | 3.0         | 186               | 100       | 2          | 0.005                 | <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): 20

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: MW5

Graticules: -

Fibres: -

### Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

**Comments** Personal air testing carried out during the asbestos muck away of contaminated mound to hole. Operative operating a dumper, moving contaminated soil to designated in fill hole.

**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: J143517 FC12

## Personal Monitoring Observation Form

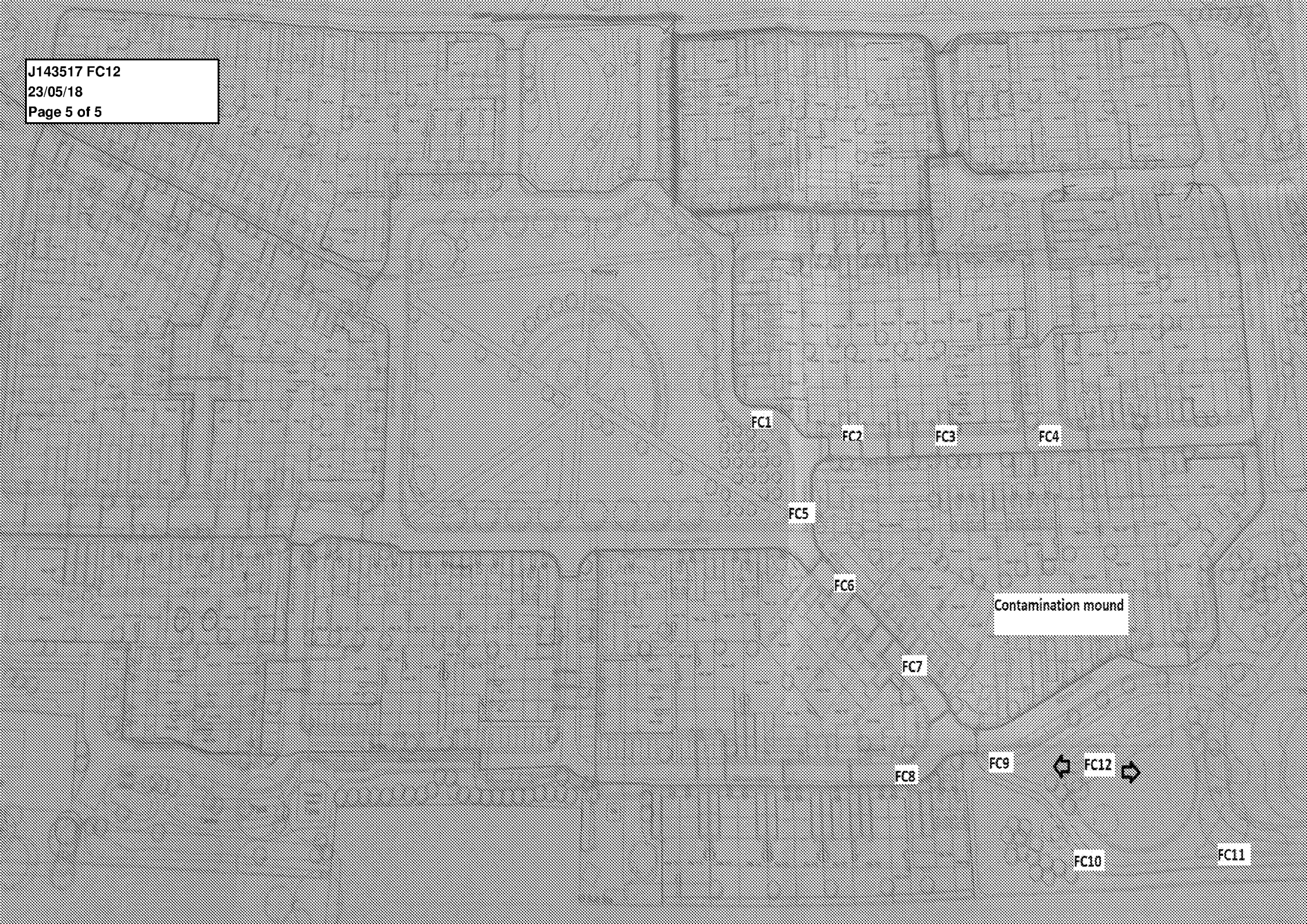
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--|
| Type & Scale of work:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Remediation ground works of former nursery                                       |                                                                           |  |
| Purpose of monitoring: (select all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                           |  |
| Checking effectiveness of methods <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Providing data for personal exposure records <input checked="" type="checkbox"/> | Confirming appropriate RPE being worn <input checked="" type="checkbox"/> |  |
| General control measures in use: (select all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |                                                                           |  |
| Enclosure (under negative pressure) <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Partial enclosure <input type="checkbox"/>                                       | Injection <input type="checkbox"/>                                        |  |
| Gel/Foam <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Shadow vacuum <input type="checkbox"/>                                           | Spraying <input type="checkbox"/>                                         |  |
| 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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                           |  |
| Movement of asbestos containing earth material to a designated in fill hole. Earth is loaded onto a dumper by a digger and transported within an exclusion zone.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                           |  |
| 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<br>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



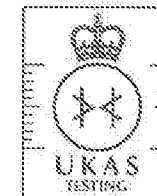


# ENVIROCHEM

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:** J143518 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 24/05/2018

**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; on site road, near staff car park            | 09.06   | 10.06    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-2       | RY2   | MW2  | Location 2; along side asbestos mound                    | 09.06   | 10.06    | 8.0               | 8.0           | 8.0         | 480               | 200       | 1.5        | 0.001                 | <0.01                     |
| FC-3       | 50    | MW3  | Location 3; along side asbestos mound                    | 09.10   | 10.10    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3          | 0.002                 | <0.01                     |
| FC-4       | ENV41 | MW4  | Location 4; along side asbestos mound                    | 09.11   | 10.11    | 8.0               | 8.0           | 8.0         | 480               | 200       | 4          | 0.002                 | <0.01                     |
| FC-5       | ENV21 | MW1  | Location 5; front of asbestos mound, near recycling area | 10.32   | 11.32    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3          | 0.002                 | <0.01                     |
| FC-6       | RY2   | MW2  | Location 6; front of asbestos mound                      | 10.32   | 11.32    | 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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

### Environment:

Temperature (°C): 18

Pressure (mb): 1019

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

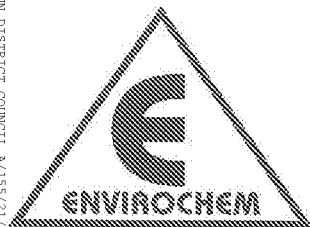
Reassurance air monitoring during movement of asbestos earth from mound to hole within exclusion zone. Site located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

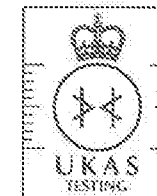


# ENVIROCHEM

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:** J143518 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 24/05/2018

**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; front of asbestos mound                     | 10.34   | 11.34    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3          | 0.002                 | <0.01                     |
| FC-8       | ENV41 | MW4  | Location 8; front of in fill hole                       | 10.35   | 11.35    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2.5        | 0.001                 | <0.01                     |
| FC-10      | ENV21 | MW1  | Location 9; next to asbestos waste skip                 | 13.58   | 14.58    | 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 | 13.59   | 14.59    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-12      | 50    | MW3  | Location 11; within exclusion zone, opposite warehouses | 13.59   | 14.59    | 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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

### Environment:

Temperature (°C): 21

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

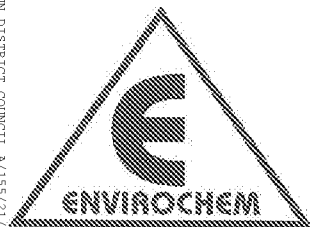
Reassurance air monitoring during movement of asbestos earth from mound to hole within exclusion zone. See map for sampling locations. Continuous rainfall throughout FC-10 - FC12. Results: satisfactory

SIGNATURE

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff

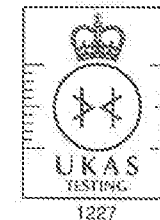


# ENVIROCHEM

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:** J143518 - FC12

**Your Ref:**

**SAMPLING PROTOCOL:** Personal

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 24/05/2018

**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 Andy Ryder, in roller cab | 11.58   | 13.13    | 3.0               | 3.0           | 3.0         | 225               | 100       | 2          | 0.005                 | <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): 20

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: MW5

Graticules: -

Fibres: -

### Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

**Comments** Personal air testing carried out during the asbestos muck away of contaminated mound to hole. Operative operating a roller, leveling out contaminated soil within designated in fill hole.

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

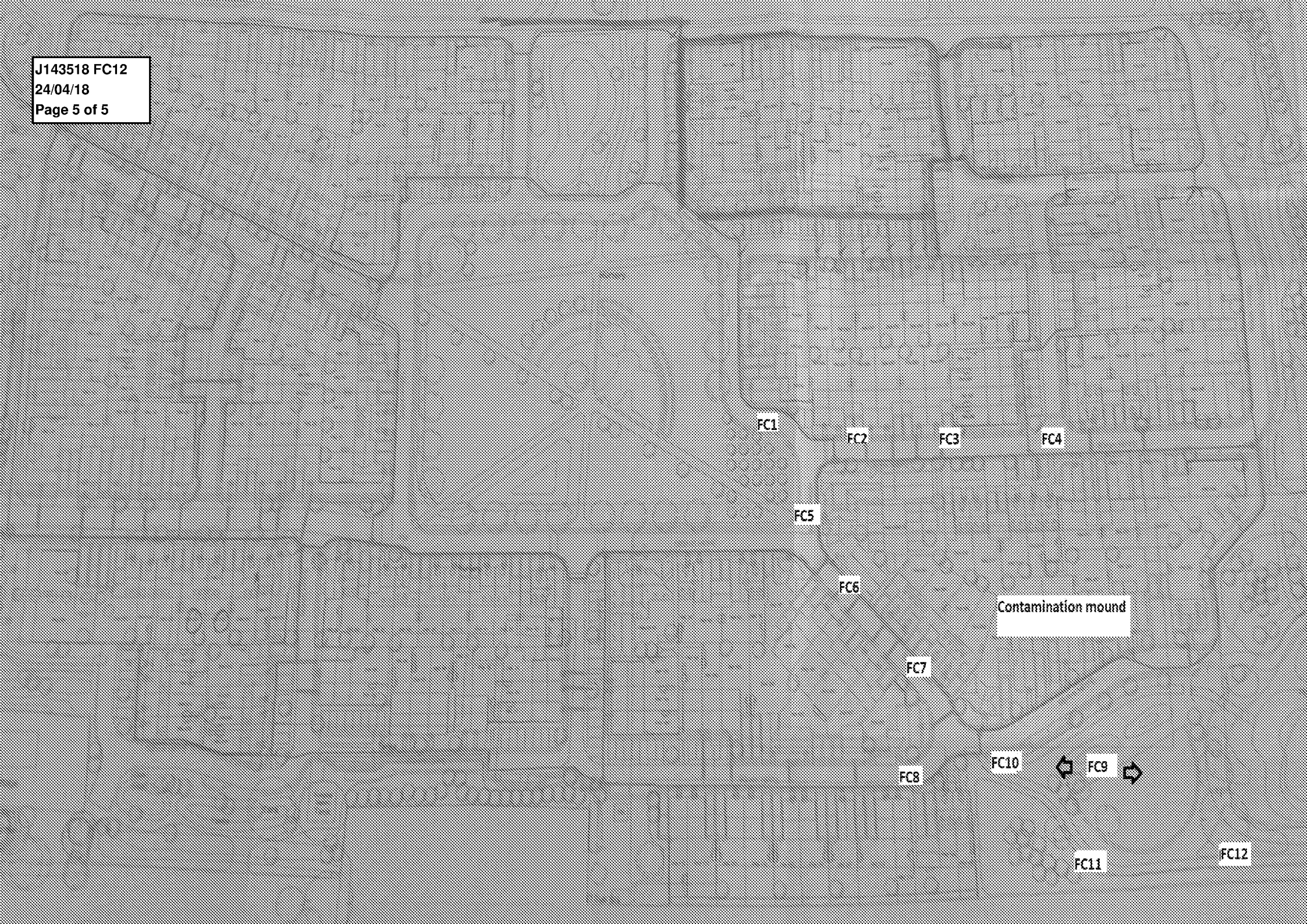
Ref No: J143518 FC12

## 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 <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Providing data for personal exposure records <input checked="" type="checkbox"/> | Confirming appropriate RPE being worn <input checked="" type="checkbox"/> |  |
| General control measures in use: (select all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |                                                                           |  |
| Enclosure (under negative pressure) <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Partial enclosure <input type="checkbox"/>                                       | Injection <input type="checkbox"/>                                        |  |
| Gel/Foam <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Shadow vacuum <input type="checkbox"/>                                           | Spraying <input type="checkbox"/>                                         |  |
| Other (Please specify):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Decontamination unit, exclusion zone                                             |                                                                           |  |
| Sampling Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                           |  |
| Operative's Name/job title: Andy Ryder, roller 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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                           |  |
| Movement of asbestos containing earth material to a designated in fill hole. Earth is loaded onto a dumper by a digger and transported within an exclusion zone.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                           |  |
| 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, rainfall during sampling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                           |  |
| 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



FC1

FC2

FC3

FC4

FC5

FC6

Contamination mound

FC7

FC8

FC10

FC9



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, Littlehampton, BN16  
4AX

**Our Ref:** J143519 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 25/05/2018

**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; on site road, near staff car park            | 09.02   | 10.02    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-2       | RY2   | MW2  | Location 2; along side asbestos mound                    | 09.02   | 10.02    | 8.0               | 8.0           | 8.0         | 480               | 200       | 1.5        | 0.001                 | <0.01                     |
| FC-3       | 50    | MW3  | Location 3; along side asbestos mound                    | 09.04   | 10.04    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3.5        | 0.002                 | <0.01                     |
| FC-4       | ENV41 | MW4  | Location 4; along side asbestos mound                    | 09.05   | 10.05    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-5       | ENV21 | MW1  | Location 5; front of asbestos mound, near recycling area | 10.31   | 11.31    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3.5        | 0.002                 | <0.01                     |
| FC-6       | RY2   | MW2  | Location 6; front of asbestos mound                      | 10.32   | 11.32    | 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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

### Environment:

Temperature (°C): 16

Pressure (mb): 1016

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

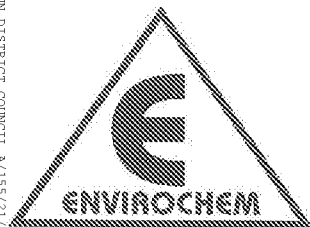
Reassurance air monitoring during movement of asbestos earth from mound to hole within exclusion zone. Site located near to housing estate. See map for sampling locations. Results: satisfactory

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:** J143519 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 25/05/2018

**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; front of asbestos mound                     | 10.34   | 11.34    | 8.0               | 8.0           | 8.0         | 480               | 200       | 0.5        | 0.001                 | <0.01                     |
| FC-8       | ENV41 | MW4  | Location 8; front of in fill hole                       | 10.34   | 11.34    | 8.0               | 8.0           | 8.0         | 480               | 200       | 1          | 0.001                 | <0.01                     |
| FC-10      | ENV21 | MW1  | Location 9; next to asbestos waste skip                 | 12.01   | 13.01    | 8.0               | 8.0           | 8.0         | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-11      | RY2   | MW2  | Location 10; within exclusion zone, opposite warehouses | 12.02   | 13.02    | 8.0               | 8.0           | 8.0         | 480               | 200       | 3          | 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       | 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

Stage Micrometer: WSM 13

Tally Counter: S/US

Barometer: BTC 26

Thermometer: BTC 26

Flow Meter: FM22

### Environment:

Temperature (°C): 19

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 movement of asbestos earth from mound to hole within exclusion zone. See map for sampling locations.. Results: satisfactory

SIGNATURE  
(on behalf of)

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:** J143519 - FC12

**Your Ref:**

**SAMPLING PROTOCOL:** Personal

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 25/05/2018

**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 Andy Ryder, in roller cab | 11.59   | 13.10    | 3.0               | 3.0           | 3.0         | 213               | 100       | 2.5        | 0.006                 | <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): 18

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: MW5

Graticules: -

Fibres: -

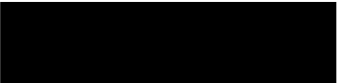
### Place of Analysis:

Lab RF11 PVK

On Site

Mob Lab

**Comments** Personal air testing carried out during the asbestos muck away of contaminated mound to hole. Operative operating a roller, leveling out contaminated soil within designated in fill hole.

SIGNATURE   
(on behalf of Envirochem by an authorised signatory)

PRINT NAME: M Wagstaff



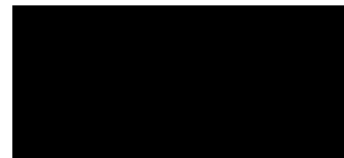
# ENVIROCHEM

Analytical Laboratories Ltd

12 The Gardens  
Broadcut, Fareham  
Hampshire. PO16 8SS

Ref No: J143519 FC12

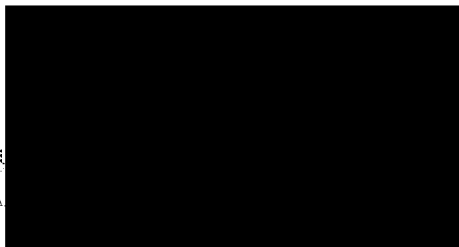
## Personal Monitoring Observation Form

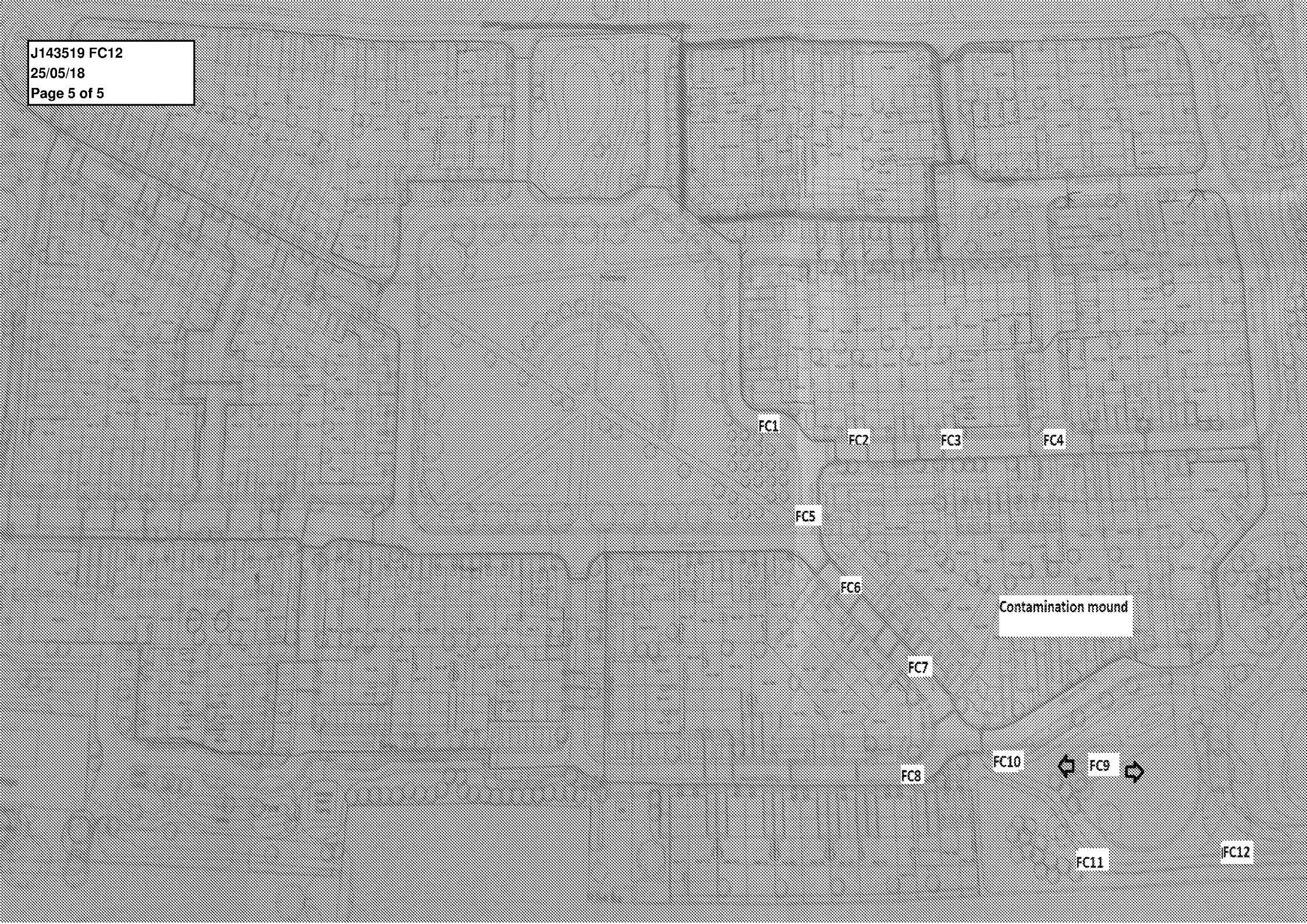


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            |                                              |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------------|
| Type & Scale of work:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Remediation ground works of former nursery |                                              |                                     |
| Purpose of monitoring: (select all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                              |                                     |
| Checking effectiveness of methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/>        | Providing data for personal exposure records | <input checked="" type="checkbox"/> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            | Confirming appropriate RPE being worn        | <input checked="" type="checkbox"/> |
| General control measures in use: (select all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                              |                                     |
| Enclosure (under negative pressure)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/>                   | Partial enclosure                            | <input type="checkbox"/>            |
| Gel/Foam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                   | Shadow vacuum                                | <input type="checkbox"/>            |
| Other (Please specify):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            | Decontamination unit, exclusion zone         |                                     |
| Injection <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |                                              |                                     |
| Spraying <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                              |                                     |
| Sampling Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                              |                                     |
| Operative's Name/job title: Andy Ryder, roller 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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                              |                                     |
| Movement of asbestos containing earth material to a designated in fill hole. Earth is loaded onto a dumper by a digger and transported within an exclusion zone.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                              |                                     |
| 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, rainfall during sampling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                              |                                     |
| 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:





FC1

FC2

FC3

FC4

FC5

FC6

Contamination mound

FC7

FC8

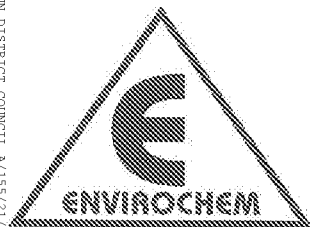
FC10

FC9



FC11

FC12

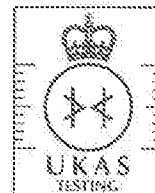


# ENVIROCHEM

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:** J145331 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 26/05/2018

**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 site welfare and main site road | 09.14   | 09.44    | 16.0              | 16.0          | 16.0        | 480               | 200       | 2.5        | 0.001                 | <0.01                     |
| FC-2       | RY2   | MW2  | Location 2; along side asbestos mound               | 09.14   | 09.44    | 16.0              | 16.0          | 16.0        | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-3       | 50    | MW3  | Location 3; along side asbestos mound               | 09.16   | 09.46    | 16.0              | 16.0          | 16.0        | 480               | 200       | 1          | 0.001                 | <0.01                     |
| FC-4       | ENV41 | MW4  | Location 4; along side asbestos mound               | 09.17   | 09.47    | 16.0              | 6.0           | 16.0        | 480               | 200       | 3.5        | 0.002                 | <0.01                     |
| FC-5       | 61    | MW5  | Location 5; along side asbestos mound               | 09.17   | 09.47    | 16.0              | 16.0          | 16.0        | 480               | 200       | 4          | 0.002                 | <0.01                     |
| FC-6       | RY2   | MW2  | Location 6;                                         | 10.04   | 10.34    | 16.0              | 16.0          | 16.0        | 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): 18

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

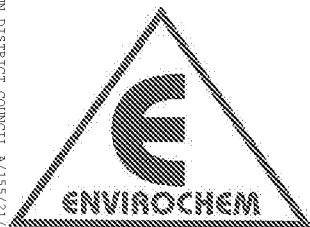
Reassurance air monitoring during on going ground works. Site located near to housing estate. See map for sampling locations. Results: satisfactory

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:** J145331 - FC12

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Reassurance

**SAMPLED BY:** M Wagstaff

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 26/05/2018

**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; Front of asbestos mound, along road         | 10.04   | 10.34    | 16.0              | 16.0          | 16.0        | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-8       | 50    | MW3  | Location 8; Front of asbestos mound, along road         | 10.05   | 10.35    | 16.0              | 16.0          | 16.0        | 480               | 200       | 2          | 0.001                 | <0.01                     |
| FC-9       | ENV41 | MW4  | Location 9; Front of asbestos mound, along road         | 10.06   | 10.36    | 16.0              | 16.0          | 16.0        | 480               | 200       | 3          | 0.002                 | <0.01                     |
| FC-10      | RY2   | MW2  | Location 10; Next to asbestos waste skip                | 10.47   | 11.17    | 16.0              | 16.0          | 16.0        | 480               | 200       | 2.5        | 0.001                 | <0.01                     |
| FC-11      | 50    | MW3  | Location 11; within exclusion zone, adjacent warehouses | 10.48   | 11.18    | 16.0              | 16.0          | 16.0        | 480               | 200       | 3          | 0.002                 | <0.01                     |
| FC-12      | ENV41 | MW4  | Location 12; within exclusion zone, adjacent warehouses | 10.48   | 11.18    | 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): 21

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

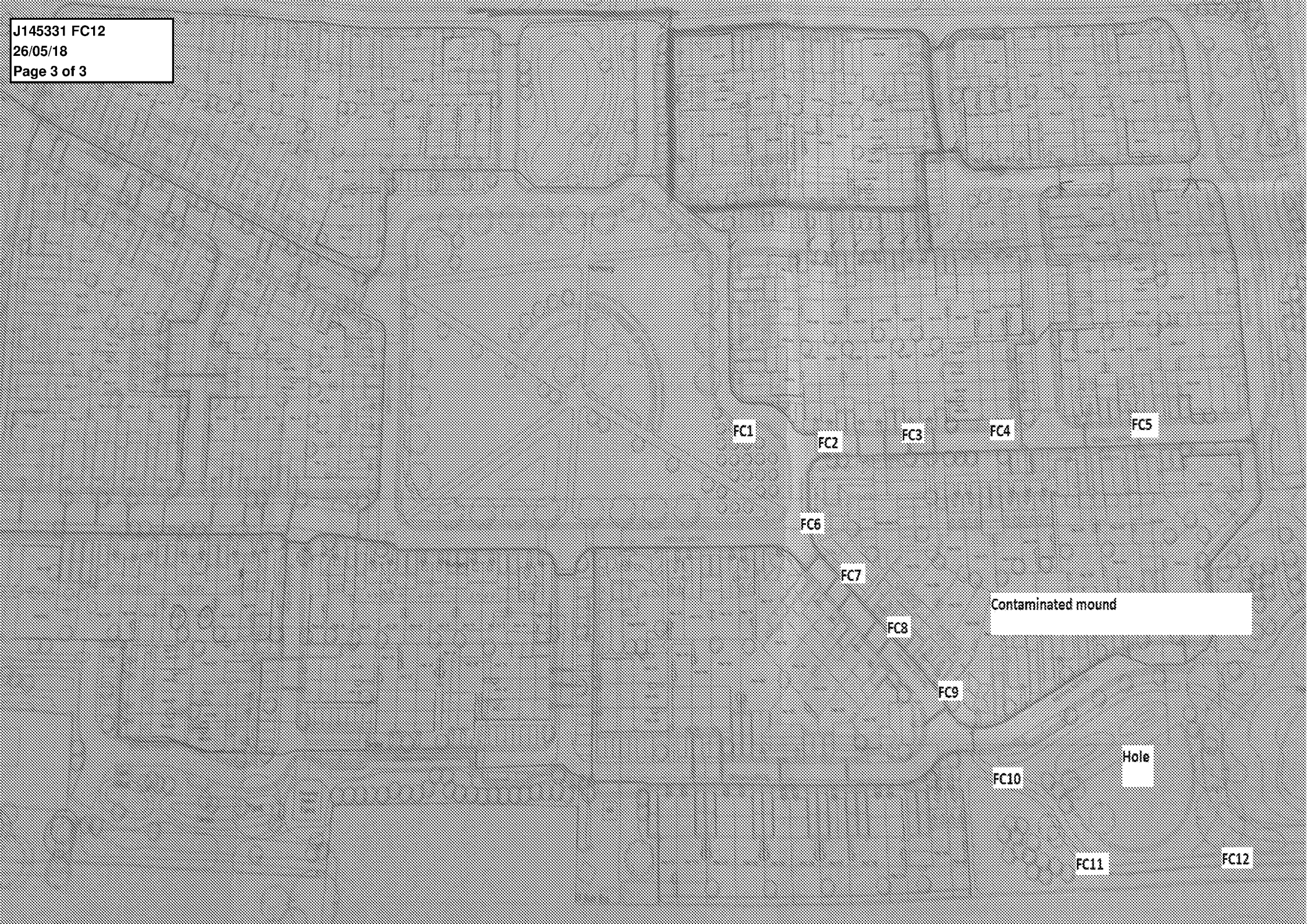
Reassurance air monitoring during on going ground works. Site located near to housing estate. See map for sampling locations. Results: satisfactory

SIGNATURE:

(on behalf of Envirochem)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: M Wagstaff



FC1

FC2

FC3

FC4

FC5

FC6

FC7

FC8

FC9

FC10

FC11

FC12

Contaminated mound

Hole