



# ENVIROCHEM

Analytical Laboratories Ltd

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

## Fibre Counting Report



Tel: (01329) 287777  
Fax: (01329) 287755

**CLIENT:** Homes and Communities Agency, 2 Rivergate, Temple Quay, Bristol, BS1 6EH

**Our Ref:** J116718 -FC7

**SITE ADDRESS:** HMS Daedalus, Broom Way, Lee on Solent, Hampshire, PO13 9YA

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Background air test.

**SAMPLED BY:** [REDACTED]

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 09/03/2017

**DATE OF ANALYSIS (if different):**

Filter No.	Pump	Head	Location	Time on	Time off	Flow (litres/min)			Volume (V) litres	Grats (n)	Fibres (N)	Calculation fibres/ml	Reported result fibres/ml
						Flow (start)	Flow (finish)	Flow (used)					
1	ENV53	MG1	1st floor centre of landing (South)	11:13	12:13	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
2	ENV24	MG2	1st floor landing adjacent to airlock/washroom	11:13	12:13	8.0	8.0	8.0	480	200	1.0	0.001	<0.01
3	ENV38	MG3	1st floor airlock area// washroom washroom	11:13	12:13	8.0	8.0	8.0	480	200	0.5	0.001	<0.01
4	ENV32	MG4	1st floor NPU area	11:14	12:14	8.0	8.0	8.0	480	200	2.0	0.001	<0.01
5	ENV22	MG5	1st floor landing NPU area (North)	11:14	12:14	8.0	8.0	8.0	480	200	0.5	0.001	<0.01

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

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

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

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

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

### Equipment Numbers:

Microscope: Nikon 70

Stage Micrometer: 19

Tally Counter: 8/US

Barometer: 20

Thermometer: 20

Flow Meter: 20

### Environment:

Temperature (°C): 13

Pressure (mb): 1021

Correction Factor (F): N/A

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

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

### Blank Filter

Head: MG7

Graticules: -

Fibres: -

### Place of Analysis:

Lab

On Site

Mob Lab HV09 UHJ

### Comments

Background air monitoring carried out to establish concentration of air-born asbestos fibres, samples take within first floor Grenville Bldg 147, during building of enclosure in the wash room area. Results satisfactory.

SIGNATURE: [REDACTED]

(on behalf of Envirochem by an authorised signatory)

ENVIROCHEM/FORMS/WORKSHEETS/02/ISSUE07/NOV06

PRINT NAME: [REDACTED]



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**CLIENT:** Homes and Communities Agency, 2 Rivergate, Temple Quay, Bristol, BS1 6EH

**Our Ref:** J116718 -FC7

**SITE ADDRESS:** HMS Daedalus, Broom Way, Lee on Solent, Hampshire, PO13 9YA

**Your Ref:** N/A

**SAMPLING PROTOCOL:** Personal Monitoring

**SAMPLED BY:** [REDACTED]

**ANALYSED BY (if different):**

**DATE OF SAMPLING:** 09/03/17

**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)					
6	6526	MG6	Personal pump worn by supervisor [REDACTED], during building enclosure, staplers, knives and hammers used.	11:14	12:14	2.0	2.0	2.0	120	200	1.0	0.002	<0.04
7	6526	MG6	Personal pump worn by operative [REDACTED], during building enclosure; staplers knives and hammers used.	13:28	14:28	2.0	2.0	2.0	120	200	0.5	0.001	<0.04

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

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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: Nikon 70

Stage Micrometer: 19

Tally Counter: 8/US

Barometer: 20

Thermometer: 20

Flow Meter: 41

### Environment:

Temperature (°C): 13

Pressure (mb): 1021

Correction Factor (F): N/A

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

Test Slide (5 bands): Yes/No

W/B Grate diameter (µm): 100

### Blank Filter

Head: MG7

Graticules: -

Fibres: -

### Place of Analysis:

Lab

On Site

Mob Lab HV09 UHJ

### Comments

Personal air-test was carried out during building of enclosure, within first floor Grenville Bldg 147 / wash room area. Hooded coveralls category 3 type 5/6 worn.

SIGNATURE: [REDACTED]

(on behalf of Envirochem by an authorised signatory)

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