



Ref No: J112218  
Sample No: 4

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## DETERMINATION OF ASBESTOS IN SOIL REPORT

### Fibre Identification, Stages 1 - 2

CLIENT: Green Shield Environmental Limited  
SITE ADDRESS: Astor College, 99 Charlotte Street, London  
W1T 4QB  
SAMPLED BY: Green Shield Environmental Limited

DATE SAMPLED/RECEIVED: 6.12.16  
ANALYST: EKP  
DATE ANALYSED: 9-12.12.16

### ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' procedures 2.01 and 2.04 and based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

Wet Weight of sample / g: 997.73                      Dry Weight of sample / g: 862.88  
Weight of material (>10 mm) removed / g: 258.72                      Dry Weight used for calculations / g: 604.16

### RESULTS

Sample No.	Sample Product Type	Asbestos Detected	Asbestos Type
4	Insulation	Yes	Chrysotile
	Insulation	Yes	Amosite
Total weight of asbestos from stages 1 and 2 in sample / g			0.0021
Percentage of asbestos from stages 1 and 2 in sample / %			0.0004

NOTES: Sample(s) were examined for the presence of 6 types of asbestos fibre: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite, and tremolite.

<b>Y</b>	<b>Due to the sample containing greater than 0.1% asbestos, stage 3 examination (loose fibres) was not carried out, as sample deemed as hazardous waste</b>
	<b>The sample contained greater than 0.1% asbestos, stage 3 was examined at the request of the client.</b>
	<b>Stage 3 was not performed for loose fibres at the request of the client</b>
	<b>Stage 3 was examined for loose fibres at the request of the client</b>

### Fibre counting of Stage 3

ANALYST: EKP

DATE ANALYSED: 12.12.16

### ANALYTICAL PROCEDURE

Fibre counting was carried out in accordance with the documented 'in-house' procedures 2.04 and based on the SCA Guidance Note, The determination of Asbestos in Soil and Associated Materials. This employed phase contrast microscopy.

### RESULTS

Sample No.	Asbestos fibres observed	Asbestos Type	Weight of asbestos fibres in sample / g
4	No	NA	NA
Total weight of asbestos from stages 1 and 2 in sample / g			0.0021
Percentage of asbestos from stages 1, 2 and 3 in sample / %			<b>0.0004</b>

NOTES:

- Weights and % are expressed on a dry weight basis, with stones, building materials >10 mm removed
- Comments or interpretations are outside the scope of our accreditation
- The results within this report relate to the sample analysed only

*Kowalczyk*

SIGNATURE:

Ewelina Kowalczyk Pariyar

(On behalf of Envirochem by an authorised signatory)

Print name: E.Pariyar

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