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Ref No: J113104 FI16
Sample No: 16

DETERMINATION OF ASBESTOS IN SOIL REPORT

Fibre Identification, Stages 1 - 2

CLIENT AND ADDRESS: AA Woods Asbestos Removal – Woods House, River Way, Harlow, Essex
SITE ADDRESS: Astor College
DATE SAMPLED/RECEIVED: 22.12.16 DATE ANALYSED: 30.12.16 – 03.01.17
SAMPLED BY: AA Woods Asbestos Removal ANALYST: EKP & MG

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: 809.70 Dry Weight of sample / g: 702.35
Weight of material (>10 mm) removed / g: 227.11 Dry Weight used for calculations / g: 475.24

RESULTS

Sample No.	Sample Product Type	Asbestos Detected	Asbestos Type
16	Insulation	Yes	Amosite
Total weight of asbestos from stages 1 and 2 in sample / g			0.0004
Percentage of asbestos from stages 1 and 2 in sample / %			0.000084

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

	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
	The sample contained greater than 0.1% asbestos, stage 3 was examined at the request of the client.
	Stage 3 was not performed for loose fibres at the request of the client
Y	**Stage 3 was examined for loose fibres at the request of the client**

Fibre counting of Stage 3

ANALYST: MG DATE ANALYSED: 03.01.17

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
16	Yes	Amosite	0.000013
Total weight of asbestos from stages 1 and 2 in sample / g			0.0004
Percentage of asbestos from stages 1, 2 and 3 in sample / %			**0.000087**

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

SIGNATURE: Kowalczyk Ewelina Kowalczyk Pariyar Print name: E. Pariyar
(On behalf of Envirochem by an authorised signatory)