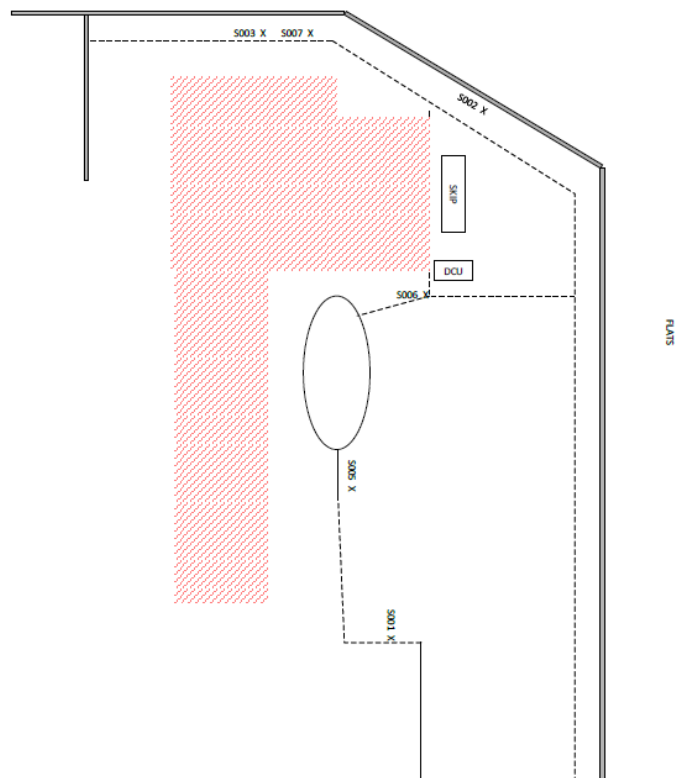


Understanding an Asbestos Air Monitoring Certificate

An asbestos air monitoring certificate is attached to this document. In this case the monitoring was undertaken on 6 September 2023 and the name of the Technician who carried out the monitoring was Mr I Donaldson.

The following diagram indicates where the Technician placed the air monitoring pumps. The drawing shows that air monitoring pumps were placed between the area in which works were taking place on site and local residents. The location of the pumps is based on information such as the presence of local residential properties and the prevailing wind direction.



The next section of the air monitoring certificate shows how long each air pump ran for and how much air was drawn through the pump.

Sample Number	Technician's Sampler	Initials Analyst	Pump No.	Cowl No.	Test Type	Start Time	Finish Time	Duration (mins)	Flow rate (l/min)			Volume (litres)
									Start	Finish	Average	
S001	ID	ID	HFP 44	A1	B	10.49	12.25	96	8.0	8.0	8.0	768
S002	ID	ID	HFP 45	A2	B	10.51	12.27	96	8.0	8.0	8.0	768
S003	ID	ID	HFP 46	A3	B	10.53	12.29	96	8.0	8.0	8.0	768
S004	ID	ID	-	AFB	FB	-	-	-	-	-	-	-
S005	ID	ID	HFP 47	A4	B	12.36	14.08	92	8.0	8.0	8.0	736
S006	ID	ID	HFP 48	A5	B	12.38	14.10	92	8.0	8.0	8.0	736
S007	ID	ID	HFP 49	A6	B	12.39	14.12	92	8.0	8.0	8.0	742

The final table in the air monitoring certificate is the most important information. The final column of the table provides the results of the asbestos air monitoring and is expressed in fibres per milliliter of air, or f/ml.

Sample Number	Sample Location (Refer to diagram)	No of fibres counted	No of fields counted	No of fields rejected	Calculated result (f/ml)	* Limit of quantification (f/ml)	Reported result (f/ml)
S001	@ S001 X	3	125	2	0.002	0.010	<0.01
S002	@ S002 X	3	125	3	0.002	0.010	<0.01
S003	@ S003 X	3.5	125	3	0.002	0.010	<0.01
S004	Field Blank	-	-	-	-	-	-
S005	@ S005 X	2	130	12	0.001	0.010	<0.01
S006	@ S006 X	3	130	0	0.002	0.010	<0.01
S007	@ S007 X	2	129	0	0.001	0.010	<0.01
		END					

The concentrations in the final column of the table above are compared to the legal Control Limit of asbestos in air set by the HSE at 0.1 f/ml. In the example above the measured amount of asbestos fibres in air is more than ten times lower than the legal Control Limit.

The legal Control Limit has never been exceeded in asbestos air monitoring undertaken for the ground works at Holloway Park.



Essex Asbestos Testing Ltd

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8007

AIRBORNE FIBRE COUNT CERTIFICATE

Report No: F/23/1258

Date on Site: 06.09.2023

Time on site: 07.00 hours

Technician: I Donaldson

Client name and address: Horizon Environmental Ltd, Ovendon House, Willcox Close, Aylesham, Kent CT3 3EP
Contact name: C Smith

Contractor's name and address: Horizon Environmental Ltd, Ovendon House, Willcox Close, Aylesham, Kent CT3 3EP
Site supervisor: M Holder

Site address: Former Holloway Prison, Parkhurst Road, London. N7 ONU

Location on site: Area Former Boiler House

Brief description of work being carried out: Site Set up. Moving Crushed concrete

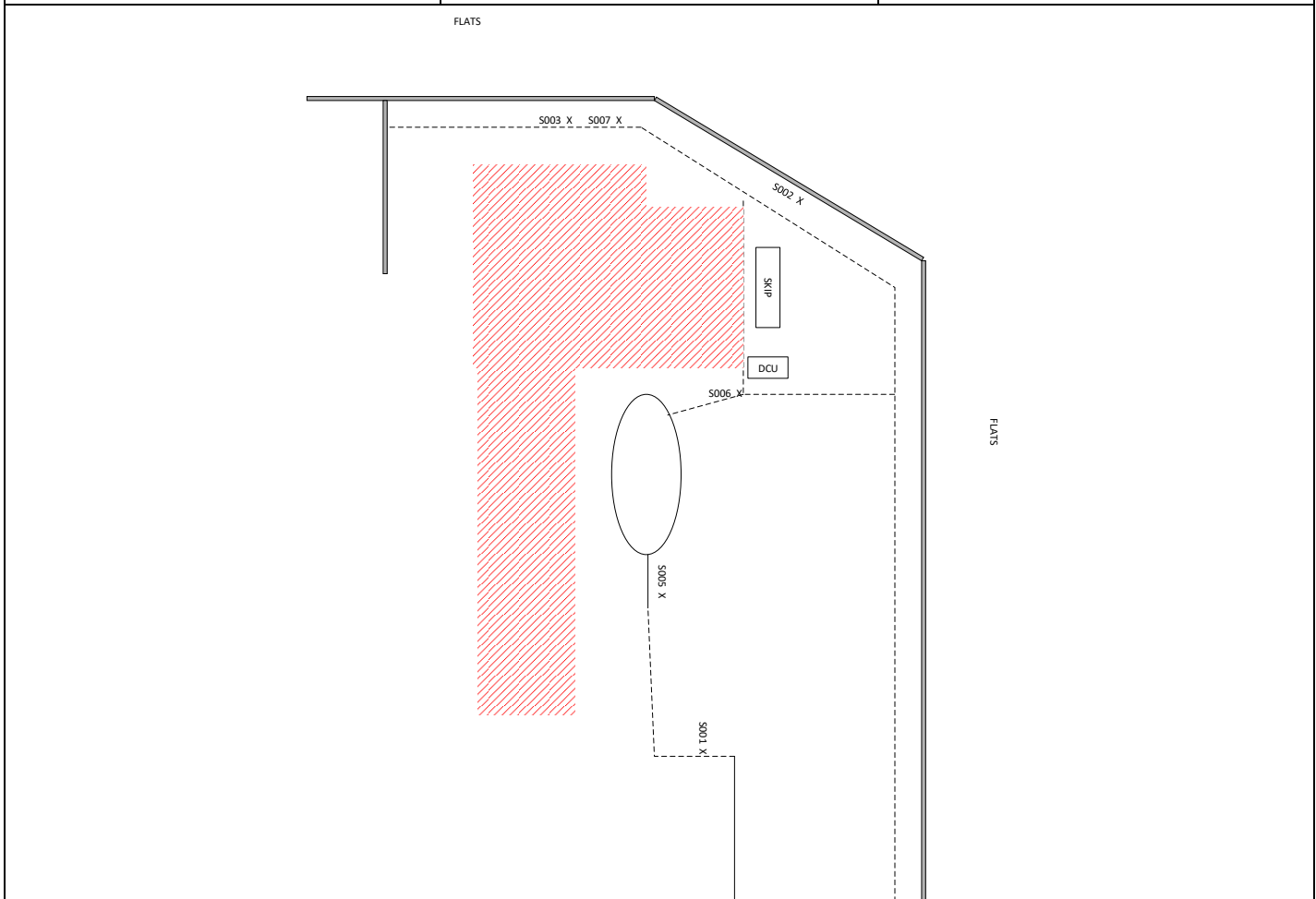
Description of testing to be carried out: Background Test

Comments: Air Test Result Satisfactory
Opinions and interpretations contained in this report are clearly marked and are outside the scope of Essex Asbestos Testing's UKAS accreditation.

Diagram of area tested

Diagram to include approximate dimensions and sample locations

Approximate floor area = N/A (m²) Drawing is not to scale Approximate volume = N/A (m³)



AIRBORNE FIBRE COUNT CERTIFICATE

Technical details					
Microscope No:	MIC1	Filter batch No:	410	Low Flow meter No:	LFM1
Phase Telescope No:	PT1	Microscope set up:	Yes	High Flow meter No:	MFM1
N.P.L. Test slide No:	NPL1	No of N.P.L. blocks visible:	5	Flow rate correction required:	No
Stage Micrometer No:	SM1	Graticule diameter (µm):	101	Exposed filter measurement (mm²):	394.48
Bar/Ther/Time piece No:	BTT1	Lab type:	Mobile	Reg No.	EF70CUW


Type of test: (B) Background, (L) Leak, (N) Near Source Sampling, (R) Reassurance, (F) Far Source/perimeter Sampling, (WA) Work area, (FB) Field Blank

Sample Number	Technician's Sampler	Initials Analyst	Pump No.	Cowl No.	Test Type	Start Time	Finish Time	Duration (mins)	Flow rate (l/min)			Volume (litres)
									Start	Finish	Average	
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S004	ID	ID	-	AFB	FB	-	-	-	-	-	-	-
S005	ID	ID	HFP 47	A4	B	12.36	14.08	92	8.0	8.0	8.0	736
S006	ID	ID	HFP 48	A5	B	12.38	14.10	92	8.0	8.0	8.0	736
S007	ID	ID	HFP 49	A6	B	12.39	14.12	92	8.0	8.0	8.0	742
						END						

Sample Number	Sample Location (Refer to diagram)	No of fibres counted	No of fields counted	No of fields rejected	Calculated result (f/ml)	* Limit of quantification (f/ml)	Reported result (f/ml)
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S002	@ S002 X	3	125	3	0.002	0.010	<0.01
S003	@ S003 X	3.5	125	3	0.002	0.010	<0.01
S004	Field Blank	-	-	-	-	-	-
S005	@ S005 X	2	130	12	0.001	0.010	<0.01
S006	@ S006 X	3	130	0	0.002	0.010	<0.01
S007	@ S007 X	2	129	0	0.001	0.010	<0.01
		END					

We hereby declare that all sampling and analysis was carried out in accordance with HSE Guidance note HSG 248: The Analyst Guide and Essex Asbestos Testing Ltd in-house procedures. Any deviations from this are recorded within this certificate.

Note. *Uncertainty of measurement.
 The lower limit of quantification for the above method is stated in HSG 248 as about 0.01 f/ml, when sample volumes ≥ 480 litres of air are collected and 200 graticule areas examined, a calculated result below the limit may be expressed as <0.01 f/ml. For sample volumes < 480 litres and/or <200 graticule areas examined the lower limit of quantification will be higher. The reported result is for respirable fibres only.

Issued by (Print Name): Ian Donaldson Signature:  Date: 06.09.2023