



# Essex Asbestos Testing Ltd

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8007

## AIRBORNE FIBRE COUNT CERTIFICATE

Report No: F/23/1279

Date on Site: 22.09.2023

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

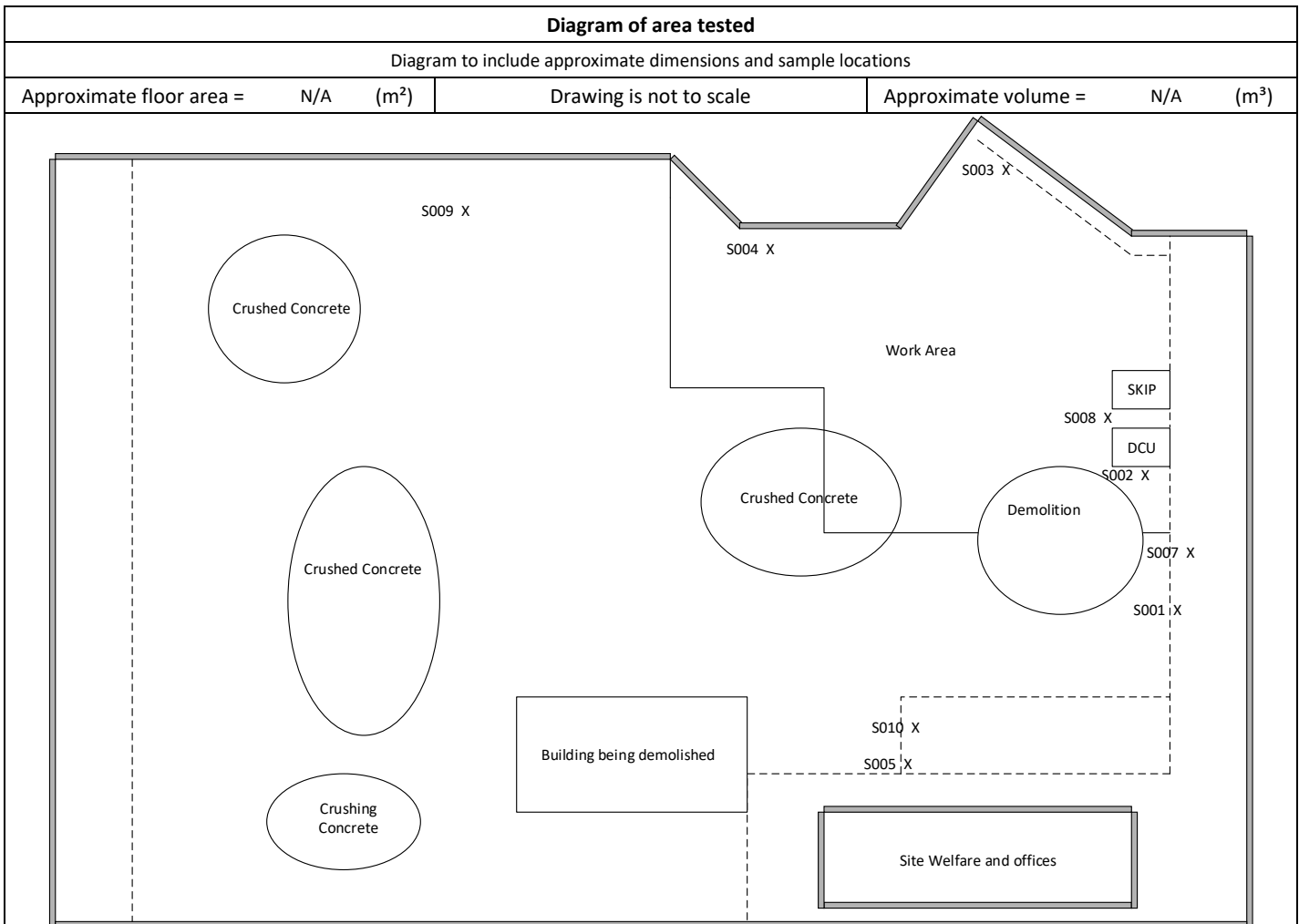
Site address: Former Holloway Prison, Parkhurst Road, London. N7 0NU

Location on site: All Areas

Brief description of work being carried out: Crushing concrete, Moving Crushed concrete preparing ground and demolition of buildings

Description of testing to be carried out: Far Source Test

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



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Technical details					
Microscope No:	MIC1	Filter batch No:	412	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	
S001	ID	ID	HFP 44	A1	F	08.49	11.04	135	8.0	8.0	8.0	1080
S002	ID	ID	HFP 45	A2	F	08.52	11.07	135	8.0	8.0	8.0	1080
S003	ID	ID	HFP 46	A3	F	08.57	11.09	132	8.0	8.0	8.0	1056
S004	ID	ID	HFP 47	A4	F	09.00	11.13	133	8.0	8.0	8.0	1064
S005	ID	ID	HFP 48	AFB	FB	09.03	11.15	132	8.0	8.0	8.0	1056
S006	ID	ID	-	A5	F	-	-	-	-	-	-	-
S007	ID	ID	HFP 49	A6	F	12.06	14.09	123	8.0	8.0	8.0	984
S008	ID	ID	HFP 50	A7	F	12.09	14.12	123	8.0	8.0	8.0	984
S009	ID	ID	HFP 51	A8	F	12.11	14.14	123	8.0	8.0	8.0	984
S010	ID	ID	HFP 52	A9	F	12.14	14.17	123	8.0	8.0	8.0	984
S011	ID	ID	HFP 53	A10	F	12.16	14.19	123	8.0	8.0	8.0	984
						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)
S001	@ S001 X	2	178	0	0.001	0.005	<0.005
S002	@ S002 X	3	178	0	0.001	0.005	<0.005
S003	@ S003 X	2.5	182	0	0.001	0.005	<0.005
S004	@ S004 X	2	180	0	0.001	0.005	<0.005
S005	@ S005 X	2.5	182		0.001	0.005	<0.005
S006	Field Blank	-	-	-	-	-	-
S007	@ S007 X	3.5	195	0	0.001	0.005	<0.005
S008	@ S008 X	4	195	0	0.001	0.005	<0.005
S009	@ S009 X	3	195	0	0.001	0.005	<0.005
S010	@ S010 X	2	195	0	0.001	0.005	<0.005
S011	@ S011 X	1.5	195	0	0.001	0.005	<0.005
		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: 22.09.2023