



Essex Asbestos Testing Ltd

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8007

AIRBORNE FIBRE COUNT CERTIFICATE

Report No: F/23/1274

Date on Site: 19.09.2023

Time on site: 07.30 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: N/A
Site supervisor: N/A

Site address: Barking Riverside. Renwick Road, Barking, Essex. IG11 0DS

Location on site: All Areas

Brief description of work being carried out: General Groundworks throughout site.

Description of testing to be carried out: Weekly Far Source/Perimeter Sampling

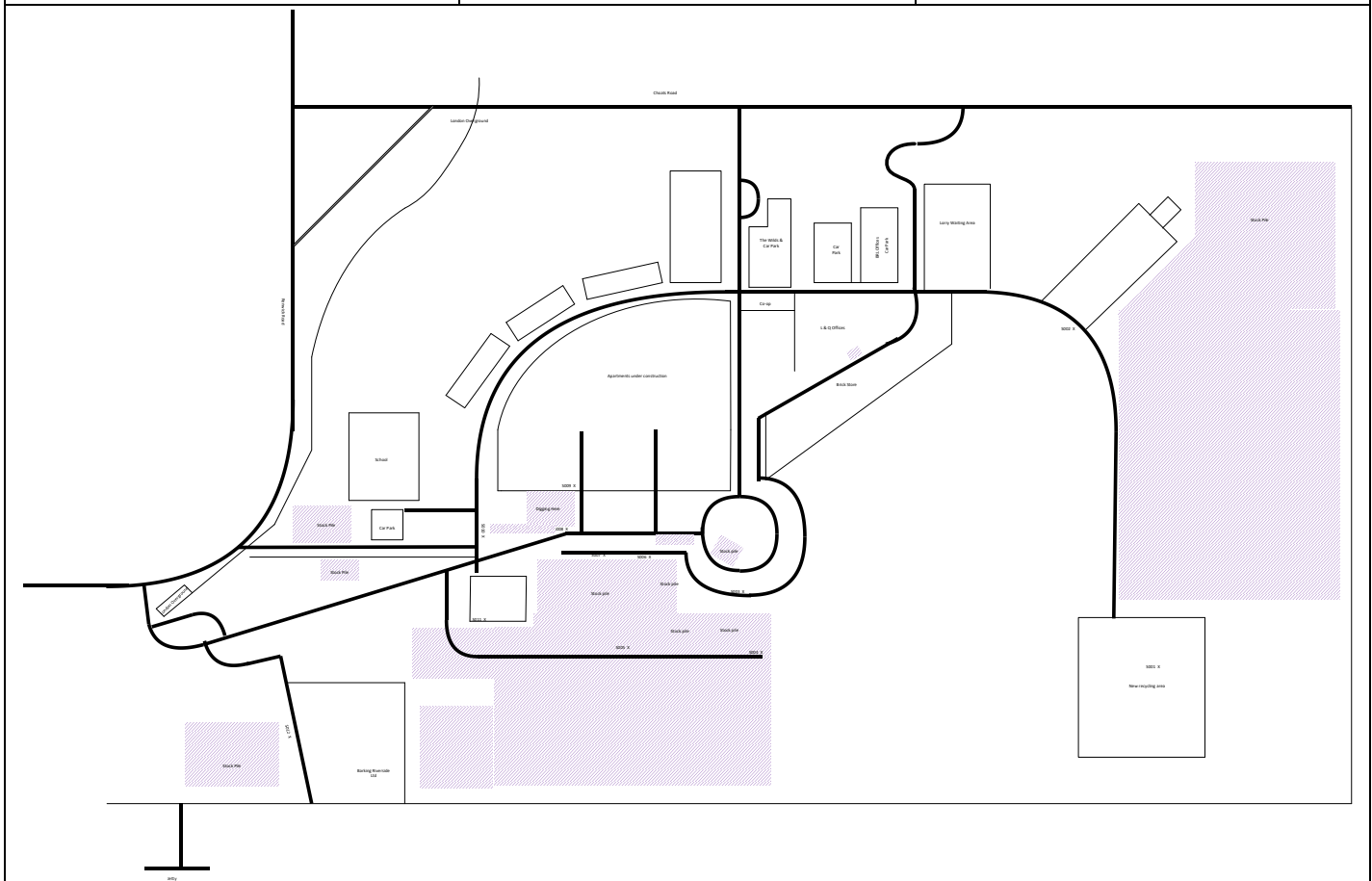
Comments: Sample S002 was unreadable due to dust raised by lorries using road to recycle plant. All other Air test results satisfactory.

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)



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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 (mm ²):	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		Pump No.	Cowl No.	Test Type	Start Time	Finish Time	Duration (mins)	Flow rate (l/min)			Volume (litres)
	Sampler	Analyst							Start	Finish	Average	
S001	ID	ID	HFP44	A1	F	08.00	10.21	141	8.0	8.0	8.0	1128
S002	ID	ID	HFP45	A2	F	08.03	10.24	141	8.0	8.0	8.0	1128
S003	ID	ID	HFP46	A3	F	08.07	10.27	140	8.0	8.0	8.0	1120
S004	ID	ID	HFP47	A4	F	08.12	10.32	140	8.0	8.0	8.0	1120
S005	ID	ID	HFP48	A5	F	08.14	10.34	140	8.0	8.0	8.0	1120
S006	ID	ID	HFP49	A6	F	08.16	10.36	140	8.0	8.0	8.0	1120
S007	ID	ID	HFP50	A7	F	08.18	10.39	141	8.0	8.0	8.0	1128
S008	ID	ID	HFP51	A8	F	08.25	10.47	142	8.0	7.8	7.9	1122
S009	ID	ID	HFP52	A9	F	08.27	10.50	143	8.0	8.0	8.0	1144
S010	ID	ID	HFP53	A10	F	08.29	10.53	144	8.0	8.0	8.0	1152
S011	ID	ID	HFP54	A11	F	08.42	11.06	144	8.0	8.0	8.0	1152
S012	ID	ID	HFP55	A12	F	08.46	11.11	145	8.0	7.8	7.9	1146
S013	ID	ID	-	AFB	FB	-	-	-	-	-	-	-
						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	3.5	170	8	0.001	0.005	<0.005
S002	@ S002 X	6	170	0	0.002	0.005	<0.005
S003	@ S003 X	5	171	0	0.001	0.005	<0.005
S004	@ S004 X	3.5	171	0	0.001	0.005	<0.005
S005	@ S005 X	2.5	171	0	0.001	0.005	<0.005
S006	@ S006 X	4	171	0	0.001	0.005	<0.005
S007	@ S007 X	3.5	170	0	0.001	0.005	<0.005
S008	@ S008 X	4	171	0	0.001	0.005	<0.005
S009	@ S009 X	3	168	0	0.001	0.005	<0.005
S010	@ S010 X	3	167	0	0.001	0.005	<0.005
S011	@ S011 X	2.5	167	0	0.001	0.005	<0.005
S012	@ S012 X	2.5	168	0	0.001	0.005	<0.005
S013	Field Blank	-	-	-	-	-	-
		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: 19.09.2023