



# Essex Asbestos Testing Ltd

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8007

## AIRBORNE FIBRE COUNT CERTIFICATE

Report No: F/23/1268

Date on Site: 12.09.2023

Time on site: 0700 hours

Technician: Ian Elder

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: Construction area and adjacent

Brief description of work being carried out: Transferring concrete crush pile to another location

Description of testing to be carried out: Far Source Testing

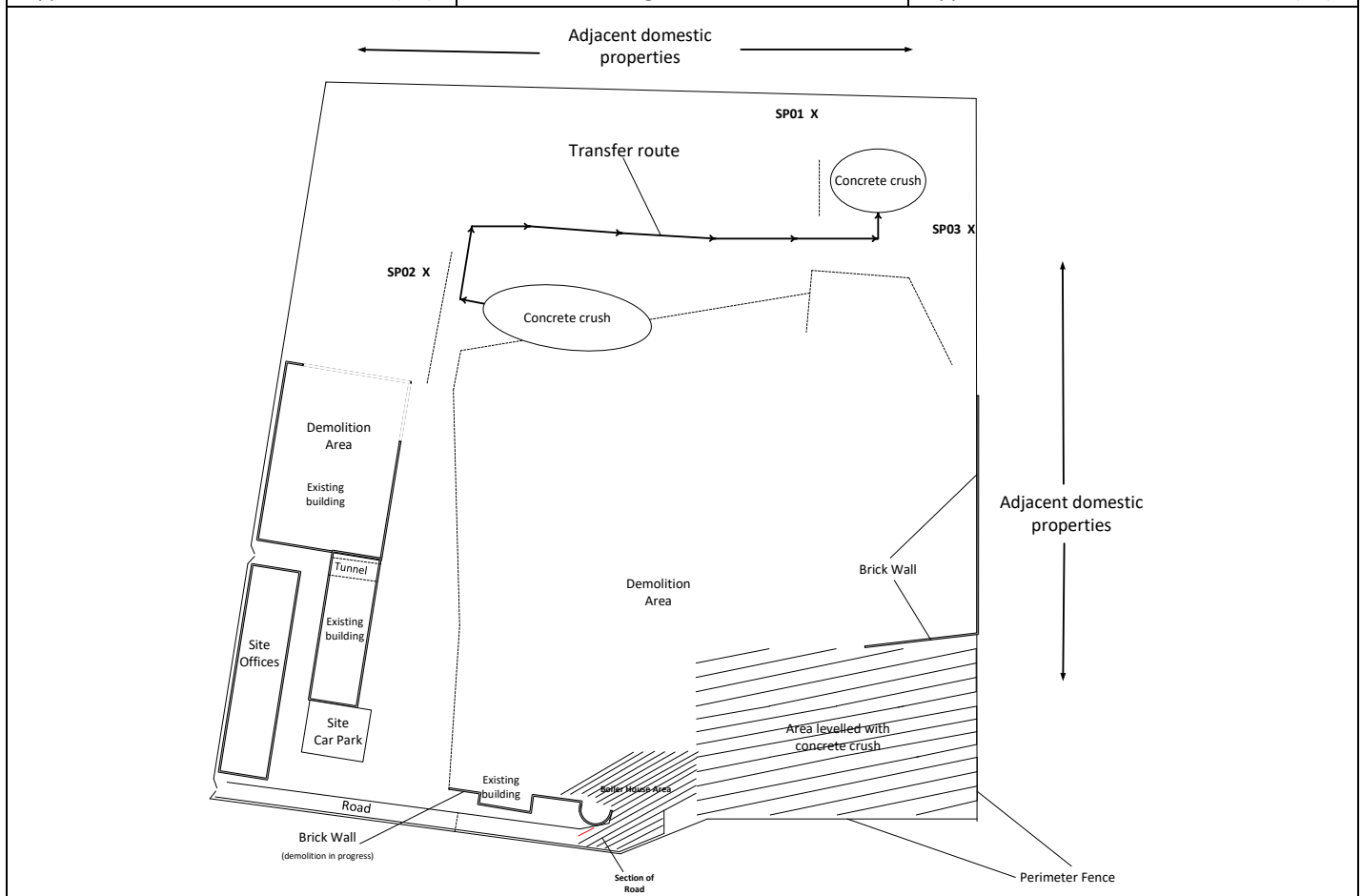
Comments: All air test results were satisfactory.

***Opinions and interpretations contained in this report are clearly marked and are outside the scope of Essex Asbestos Testing's UKAS accreditation.***

### Diagram of area tested

Diagram to include approximate dimensions and sample locations

Approximate floor area = (m<sup>2</sup>) Drawing is not to scale Approximate volume = (m<sup>3</sup>)



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Technical details					
Microscope No:	MIC4	Filter batch No:	411	Low Flow meter No:	LFM5
Phase Telescope No:	PT2	Microscope set up:	Yes	High Flow meter No:	MF5
N.P.L. Test slide No:	NPL4	No of N.P.L. blocks visible:	5	Flow rate correction required:	No
Stage Micrometer No:	SM4	Graticule diameter (µm):	101	Exposed filter measurement (mm²):	394.48
Bar/Ther/Time piece No:	BTT4	Lab type:	Mobile	Reg No.	YH68 HMJ

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	IE	IE	HFP 66	B1	F	0958	1200	122	8.0	8.0	8.0	976
S002	IE	IE	HFP 67	B2	F	1001	1157	116	8.0	8.0	8.0	928
S003	IE	---	---	BFB	FB	---	---	---	---	---	---	---
S004	IE	IE	HFP 66	B3	F	1157	1417	140	8.0	8.0	8.0	1120
S005	IE	IE	HFP 67	B4	F	1202	1419	137	8.0	8.0	8.0	1096
						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	SP01	4	197	0	0.001	0.005	< 0.005
S002	SP02	2	207	0	0.001	0.005	< 0.005
S003	Field Blank	---	---	---	---	---	---
S004	SP01	2.5	171	0	0.001	0.005	< 0.005
S005	SP02	1	175	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 Elder      Signature:       Date: 12.09.2023