

Air Monitoring Report



Trac Laboratories Limited

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Name and address of Client:		Horizon Environmental Ltd Ovenden House Wilcox Close Aylesham CT3 3EP	
Name and address of Site:		Holloway Park Parkhurst road Holloway N7 0SF N7 0SF	
Air test ref:	DQ07	Report issue date:	12 Jan 2024
Date of works:	12 Jan 2024	Report issue time:	
Removal contractor	Horizon Environmental Ltd		
Scope of works:	Air testing to be conducted during land remediation. 1. Personals on all ops machine and picking station during land remediation. 2. Back ground monitoring around site.		
Location of Work area:	Perimeter air monitoring during land remediation		

Analyst: Gabriel Malagodi

Signature:

Site Representative: Rob Redford

Signature:

Air Monitoring Certificate



Microscope No:			PCM 028	Stage Micrometer ref	SM 034	Time piece ref:		NPL Test slide ref:	NPL 033	Relevant bands visible:			Yes			
Slide storage box no:			SB1	Exposed Filter diameter:	22.0	Hi flow meter ref:	HF 009	Low flow mater ref:	LF 009	Graticule diameter:			102µm			
Sample No	Test Type	Sample Ref / Location	Pump No	Cowl No	Sampling period			Flow rate			Volume Litres	No of Fields	Fibres	Concentration f/ml	Reported result	Limit of Quantification
					Start time	Finish time	Total time (mins)	Start	End	Corrected						
1	FB	DQ002140 / Field Blank	N/A	CO115	N/A	N/A	0	N/A	N/A	0.0	0	N/A	N/A			
2	Background	DQ002141 / Perimeter	HV 012	CO116	09:51	10:51	60	8.0	8.0	8.0	480	200	4	0.0019	<0.010	0.010
3	Background	DQ002142 / Perimeter	HV 028	CO117	09:54	11:02	68	8.0	8.0	8.0	544	200	4	0.0017	<0.010	0.010
4	Background	DQ002143 / Perimeter	HV 082	CO119	09:55	11:04	69	8.0	8.0	8.0	552	201	3	0.0013	<0.010	0.010
5	Background	DQ002144 / Perimeter	HV 012	CO119	11:00	12:21	81	8.0	8.0	8.0	648	200.0	2	0.0007	<0.010	0.010

FB - Field blank / BT - Background Test / LT - Leak Test / RT - Reassurance Test / NS - Near Source test / FS - Far source

Air Monitoring Certificate



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Sample No	Test Type	Sample Ref / Location	Pump No	Cowl No	Sampling period			Flow rate			Volume Litres	No of Fields	Fibres	Concentration f/ml	Reported result	Limit of Quantification
					Start time	Finish time	Total time (mins)	Start	End	Corrected						
6	Background	DQ002145 / Perimeter	HV 028	CO120	11:03	12:22	79	8.0	8.0	8.0	632	200	2	0.0007	<0.010	0.010
7	Background	DQ002146 / Perimeter	HV 082	CO121	11:05	12:25	80	8.0	8.0	8.0	640	200	5	0.0018	<0.010	0.010
8	Background	DQ002147 / Perimeter	HV 028	CO122	12:23	13:30	67	8.0	8.0	8.0	536	200	4	0.0017	<0.010	0.010
9	Background	DQ002148 / Perimeter	HV 082	CO123	12:26	13:30	64	8.0	8.0	8.0	512	200	2	0.0009	<0.010	0.010

FB - Field blank / BT - Background Test / LT - Leak Test / RT - Reassurance Test / NS - Near Source test / FS - Far source

Supporting Photographs



Date and time: 12/01/2024 09:52:14
Comments: DQ2141 Perimeter Air Monitoring



Date and time: 12/01/2024 09:54:36
Comments: DQ2142 Perimeter Air Monitoring



Date and time: 12/01/2024 09:55:40
Comments: DQ2143 Perimeter Air Monitoring



Date and time: 12/01/2024 11:01:16
Comments: DQ2144 Perimeter Air Monitoring



Date and time: 12/01/2024 11:03:46
Comments: DQ2145 Perimeter Air Monitoring



Date and time: 12/01/2024 11:05:35
Comments: DQ2146 Perimeter Air Monitoring

Supporting Photographs



Date and time: 12/01/2024 12:24:25
 Comments: DQ2147 Perimeter Air Monitoring

Date and time: 12/01/2024 12:26:59
 Comments: DQ2148 Perimeter Air Monitoring

No photographic evidence available.

No photographic evidence available.

Date and time:
 Comments:

Date and time:
 Comments:

No photographic evidence available.

No photographic evidence available.

Date and time:
 Comments:

Date and time:
 Comments:

Air Monitoring Report Cont'd



Comments:

Air monitoring was below the limit of quantification <0.01f/ml so deemed all satisfactory

Analyst:

Gabriel Malagodi

Signature:

A handwritten signature in black ink, appearing to read "G. Malagodi", is contained within a rectangular box.

Site Representative:



Rob Redford

Signature:

A handwritten signature in black ink, appearing to read "Rob Redford", is contained within a rectangular box.

Appendix 1 - Site Plan



Analyst Name:	Gabriel Malagodi	Analyst Signature:	
Date: Time:	12 Jan 2024 14:08		
Site Supervisor Name:	Rob Redford	Supervisor Signature:	
Date: Time:	12 Jan 2024 14:07		

Appendix 2 - Disclaimer



Opinions and interpretations contained within this report are outside the scope of UKAS accreditation.

This certificate or air test report is valid only when it bears the signature of an authorised member of Trac Laboratories Limited personnel.

Please note the witnessing of smoke tests is outside of the scope of UKAS accreditation.

Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.

Accuracy of Test Results

The above sampling has been undertaken in accordance with the current version of HSG248, and documented in house procedures.

Using this method, the lowest limit of quantification LOQ for 480l sample is 0.010 f/ml. For volumes less or more than this the actual volume is stated.

Airflow measured on site is recorded against a correction chart. Flow meters are calibrated against a UKAS certified master flow meter accurate to + - 0.5%. In accordance with HSG248, If the combined effect of ambient temperature and pressure between calibration and sampling location exceeds 5% a correction is applied to the air sample volume.

The results given of each air sample taken relate to the calculated airborne concentration of respirable fibres. Where the corresponding reported fibre concentration is preceded by <, the lower of quantification (LOQ) of the method has not been reached.