

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:	DQ10	Report issue date:	11 Dec 2023
Date of works:	11 Dec 2023	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 043	Time piece ref:		NPL Test slide ref:	NPL 033	Relevant bands visible:			Yes			
Slide storage box no:			CB/10	Exposed Filter diameter:	22.0	Hi flow meter ref:	HF 011	Low flow mater ref:	LF 011	Graticule diameter:			102µm			
Sample No	Test Type	Sample Ref / Location	Pump No	Cowl No	Sampling period			Flow rate			Valume 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	DQ002058 / Field Blank	N/A	CO115	N/A	N/A	0	N/A	N/A	0.0	0	N/A	N/A			
2	Background	DQ002059 / Perimeter	HV 028	CO116	09:30	10:30	60	8.0	8.0	8.0	480	200	0	0.00	<0.010	0.010
3	Background	DQ002060 / Perimeter	HV 082	CO117	09:32	10:34	62	8.0	8.0	8.0	496	200	3	0.0014	<0.010	0.010
4	Background	DQ002061 / Perimeter	HV 028	CO119	10:30	11:39	69	8.0	8.0	8.0	552	200	3	0.0013	<0.010	0.010
5	Background	DQ002062 / Perimeter	HV 082	CO120	10:34	11:40	66	8.0	8.0	8.0	528	20	4	0.0176	0.02	0.091

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

Air Monitoring Certificate



Microscope No:		PCM 028	Stage Micrometer ref	SM 043	Time piece ref:		NPL Test slide ref:	NPL 033	Relevant bands visible:		Yes					
Slide storage box no:		CB/10	Exposed Filter diameter:	22.0	Hi flow meter ref:	HF 011	Low flow mater ref:	LF 011	Graticule diameter:		102µm					
Sample No	Test Type	Sample Ref / Location	Pump No	Cowl No	Sampling period			Flow rate			Valume 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	DQ002063 / Perimeter	HV 028	CO121	11:41	13:12	91	8.0	8.0	8.0	728	200	3	0.0010	<0.010	0.010
7	Background	DQ002064 / Perimeter	HV 082	CO122	11:46	13:15	89	8.0	8.0	8.0	712	200	5	0.0016	<0.010	0.010
8	Background	DQ002065 / Perimeter	HV 028	CO115	13:12	14:12	60	8.0	8.0	8.0	480	201	4	0.0019	<0.010	0.010
9	Background	DQ002066 / Perimeter	HV 082	CO123	13:16	14:16	60	8.0	8.0	8.0	480	208	4	0.0019	<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: 11/12/2023 09:31:17
Comments: DQ2059 Perimeter Air Monitoring



Date and time: 11/12/2023 11:51:02
Comments: DQ2064 Perimeter Air Monitoring



Date and time: 11/12/2023 09:33:26
Comments: DQ2060 Perimeter Air Monitoring



Date and time: 11/12/2023 10:32:03
Comments: DQ2061 Perimeter Air Monitoring



Date and time: 11/12/2023 11:43:07
Comments: DQ2062 Perimeter Air Monitoring



Date and time: 11/12/2023 11:44:17
Comments: DQ2063 Perimeter Air Monitoring

Supporting Photographs



Date and time: 11/12/2023 13:14:02
 Comments: DQ2065 Perimeter Air Monitoring

Date and time: 11/12/2023 13:16:47
 Comments: DQ2066 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 "Gabriel Malagodi", enclosed in a rectangular box.

Site Representative:



Rob Redford

Signature:

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

Appendix 1 - Site Plan



Analyst Name:	Gabriel Malagodi	Analyst Signature:	
Date: Time:	11 Dec 2023 14:56		
Site Supervisor Name:	Rob Redford	Supervisor Signature:	
Date: Time:	11 Dec 2023 14:56		

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.