Air Monitoring Report

Trac Laboratories Limited

Suite 5

The Pavilions

Bridge Hall Lane

Bury

BL9 7NX

Email: projects@trac-associates.com

Web: www.trac-associates.com

Tel: 0161 641 8150

UKAS TESTING
10662

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:	DQ04	**Report issue date:**	04 Dec 2023
Date of works:	04 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 monitoring during land remediation.		

Analyst:	Gabriel Malagodi	Signature:	
Site Representative:	Neil Davis	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 037	**Low flow mater ref:**		LF 037	**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	DQ002031 / Field Blank	N/A	CO117	N/A	N/A	0	N/A	N/A	0.0	0	N/A	N/A			
2	Background	DQ002032 / Perimeter	HV 028	CO115	09:13	10:38	85	8.0	8.0	8.0	680	200	1	0.0003	<0.010	0.010
3	Background	DQ002033 / Perimeter	HV 082	CO116	09:20	10:42	82	8.0	8.0	8.0	656	200	2	0.0007	<0.010	0.010
4	Lab Test	DQ002034 / Site Lab	HV 012	CO123	09:26	10:27	61	8.0	8.0	8.0	488	200	4	0.0019	<0.010	0.010
5	Background	DQ002035 / Perimeter	HV 028	CO119	10:40	11:43	63	8.0	8.0	8.0	504	200	3	0.0014	<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

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 037	**Low flow mater ref:**		LF 037	**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	DQ002036 / Perimeter	HV 082	CO120	10:43	11:50	67	8.0	8.0	8.0	536	200	2	0.0009		<0.010	0.010
7	Background	DQ002037 / Horizon Environmental Ltd Van MW72 KWB	HV 012	CO114	10:34	11:39	65	8.0	8.0	8.0	520	200	2	0.0009		<0.010	0.010
8	Background	DQ002038 / Perimeter	HV 028	CO121	11:45	13:00	75	8.0	8.0	8.0	600	200	1	0.0004		<0.010	0.010
9	Background	DQ002039 / Perimeter	HV 082	CO122	11:52	13:01	69	8.0	8.0	8.0	552	200	3	0.0013		<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

TRAC
Managing Risk within the Built Environment

	
Date and time: 04/12/2023 09:21:27 Comments: DQ2033 Perimeter Air Monitoring	Date and time: 04/12/2023 09:14:37 Comments: DQ2032 Perimeter Air Monitoring
	
Date and time: 04/12/2023 10:33:30 Comments: DQ2037 Horizon Environmental Ltd Van MW72 KWB	Date and time: 04/12/2023 10:40:28 Comments: DQ2035 Perimeter Air Monitoring
	
Date and time: 04/12/2023 10:43:16 Comments: DQ2036 Perimeter Air Monitoring	Date and time: 04/12/2023 11:45:59 Comments: DQ2038 Perimeter Air Monitoring

Supporting Photographs

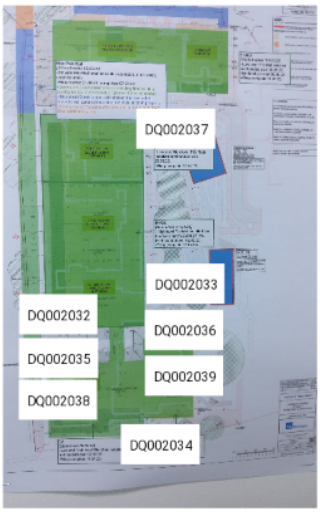
	No photographic evidence available.
Date and time: 04/12/2023 11:52:56 Comments: DQ2039 Perimeter Air Monitoring	Date and time: Comments:
No photographic evidence available.	No photographic evidence available.
Date and time: Comments:	Date and time: Comments:
No photographic evidence available.	No photographic 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:	
Site Representative:	Neil Davis	Signature:	

Appendix 1 - Site Plan



Analyst Name:	Gabriel Malagodi	**Analyst Signature:**	
Date: **Time:**	04 Dec 2023 13:49		
Site Supervisor Name:	Neil Davis	**Supervisor Signature:**	
Date: **Time:**	04 Dec 2023 13:49		

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.