

# Air Monitoring Report



## Trac Laboratories Limited

Suite 5  
The Pavilions  
Bridge Hall Lane  
Bury  
BL9 7NX



Email: [projects@trac-associates.com](mailto:projects@trac-associates.com)

Web: [www.trac-associates.com](http://www.trac-associates.com)

Tel: 0161 641 8150

<b>Name and address of Client:</b>		Horizon Environmental Ltd Ovenden House Wilcox Close Aylesham CT3 3EP	
<b>Name and address of Site:</b>		Holloway Park Parkhurst road Holloway N7 0SF N7 0SF	
<b>Air test ref:</b>	DQ08	<b>Report issue date:</b>	08 Dec 2023
<b>Date of works:</b>	08 Dec 2023	<b>Report issue time:</b>	
<b>Removal contractor</b>	Horizon Environmental Ltd		
<b>Scope of works:</b>	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.		
<b>Location of Work area:</b>	Perimeter monitoring during land.		

Analyst: Gabriel Malagodi      Signature:

Site Representative: Rob Redford      Signature:

# Air Monitoring Certificate



<b>Microscope No:</b>			PCM 028	<b>Stage Micrometer ref</b>	SM 043	<b>Time piece ref:</b>		<b>NPL Test slide ref:</b>	NPL 033	<b>Relevant bands visible:</b>			Yes			
<b>Slide storage box no:</b>			CB/10	<b>Exposed Filter diameter:</b>	22.0	<b>Hi flow meter ref:</b>	HF 037	<b>Low flow mater ref:</b>	LF 037	<b>Graticule diameter:</b>			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	DQ002049 / Field Blank	N/A	CO115	N/A	N/A	0	N/A	N/A	0.0	0	N/A	N/A			
2	Perimeter	DQ002050 / Perimeter	HV 028	CO116	09:29	10:36	67	8.0	8.0	8.0	536	200	2	0.0009	<0.010	0.010
3	Background	DQ002051 / Perimeter	HV 082	CO117	09:32	10:38	66	8.0	8.0	8.0	528	208	4	0.0017	<0.010	0.010
4	Background	DQ002052 / Perimeter	HV 028	CO119	10:38	11:40	62	8.0	8.0	8.0	496	200	3.5	0.0016	<0.010	0.010
5	Background	DQ002053 / Perimeter	HV 082	CO120	10:40	11:45	65	8.0	8.0	8.0	520	209	2.5	0.0011	<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



<b>Microscope No:</b>		PCM 028	<b>Stage Micrometer ref</b>	SM 043	<b>Time piece ref:</b>			<b>NPL Test slide ref:</b>		NPL 033	<b>Relevant bands visible:</b>		Yes			
<b>Slide storage box no:</b>		CB/10	<b>Exposed Filter diameter:</b>	22.0	<b>Hi flow meter ref:</b>		HF 037	<b>Low flow mater ref:</b>		LF 037	<b>Graticule diameter:</b>		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	DQ002054 / Perimeter	HV 028	CO121	11:41	12:42	61	8.0	8.0	8.0	488	200	5	0.0024	<0.010	0.010
7	Background	DQ002055 / Perimeter	HV 082	CO122	11:45	12:45	60	8.0	8.0	8.0	480	201	3.5	0.0017	<0.010	0.010
8	Background	DQ002056 / Perimeter	HV 012	CO116	12:22	13:22	60	8.0	8.0	8.0	480	200	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: 08/12/2023 09:30:31  
Comments: DQ2050 Perimeter Air Monitoring



Date and time: 08/12/2023 09:33:15  
Comments: DQ2051 Perimeter Air Monitoring



Date and time: 08/12/2023 10:37:53  
Comments: DQ2052 Perimeter Air Monitoring



Date and time: 08/12/2023 10:41:14  
Comments: DQ2053 Perimeter Air Monitoring



Date and time: 08/12/2023 11:43:01  
Comments: DQ2054 Perimeter Air Monitoring



Date and time: 08/12/2023 11:48:19  
Comments: DQ2055 Perimeter Air Monitoring

# Supporting Photographs



No photographic evidence available.

Date and time: 08/12/2023 12:23:33  
 Comments: DQ2056 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:

A handwritten signature in black ink, appearing to be "G. Malagodi", written within a rectangular box.

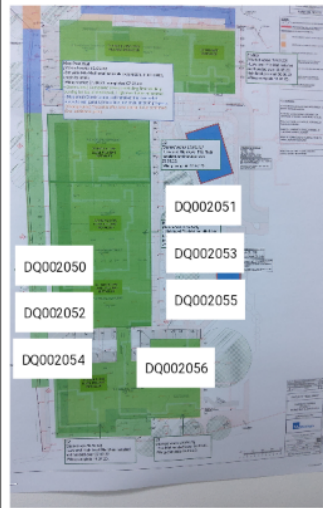
Site Representative:

Rob Redford

Signature:

A handwritten signature in black ink, appearing to be "Rob Redford", written within a rectangular box.

# Appendix 1 - Site Plan



<b>Analyst Name:</b>	Gabriel Malagodi	<b>Analyst Signature:</b>	
<b>Date:</b> <b>Time:</b>	08 Dec 2023 13:50		
<b>Site Supervisor Name:</b>	Rob Redford	<b>Supervisor Signature:</b>	
<b>Date:</b> <b>Time:</b>	08 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.