

# Air Monitoring Report



## Trac Laboratories Limited

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<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>	DQ01	<b>Report issue date:</b>	03 Jan 2024
<b>Date of works:</b>	03 Jan 2024	<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 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	DQ002100 / Field Blank	N/A	CO114	N/A	N/A	0	N/A	N/A	0.0	0	N/A	N/A			
2	Background	DQ002101 / Perimeter	HV 028	CO116	10:19	11:21	62	8.0	8.0	8.0	496	200	2	0.0009	<0.010	0.010
3	Background	DQ002102 / Perimeter	HV 082	CO117	10:22	11:25	63	8.0	8.0	8.0	504	200	3	0.0014	<0.010	0.010
4	Background	DQ002103 / Perimeter	HV 028	CO119	11:23	12:42	79	8.0	8.0	8.0	632	200	1	0.0004	<0.010	0.010
5	Background	DQ002104 / Perimeter	HV 082	CO120	11:26	12:45	79	8.0	8.0	8.0	632	200	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



<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 011	<b>Low flow mater ref:</b>	LF 011	<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	DQ002105 / Perimeter	HV 012	CO122	11:28	12:46	78	8.0	8.0	8.0	624	203	4	0.0015	<0.010	0.010
7	Background	DQ002106 / Perimeter	HV 012	CO114	12:42	13:49	67	8.0	8.0	8.0	536	200	4	0.0017	<0.010	0.010
8	Background	DQ002107 / Perimeter	HV 028	CO116	12:45	13:50	65	8.0	8.0	8.0	520	200	3	0.0013	<0.010	0.010
9	Background	DQ002108 / Perimeter	HV 082	CO117	12:46	13:50	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: 03/01/2024 10:19:59  
Comments: DQ2101 Perimeter Air Monitoring



Date and time: 03/01/2024 10:22:57  
Comments: DQ2102 Perimeter Air Monitoring



Date and time: 03/01/2024 11:23:36  
Comments: DQ2103 Perimeter Air Monitoring



Date and time: 03/01/2024 11:25:34  
Comments: DQ2104 Perimeter Air Monitoring



Date and time: 03/01/2024 11:28:17  
Comments: DQ2105 Perimeter Air Monitoring



Date and time: 03/01/2024 12:47:38  
Comments: DQ2106 Perimeter Air Monitoring

# Supporting Photographs



Date and time: 03/01/2024 12:48:41  
 Comments: DQ2107 Perimeter Air Monitoring

Date and time: 03/01/2024 12:49:34  
 Comments: DQ2108 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 be "Gabriel 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>	03 Jan 2024 14:06		
<b>Site Supervisor Name:</b>	Rob Redford	<b>Supervisor Signature:</b>	
<b>Date:</b> <b>Time:</b>	03 Jan 2024 14:06		

## 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.