

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: | DQ06 | Report issue date: | 06 Dec 2023 |
| Date of works: | 06 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 033 | 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 | DQ002041 / Field Blank | N/A | CO115 | N/A | N/A | 0 | N/A | N/A | 0.0 | 0 | N/A | N/A | | | |
| 2 | Background | DQ002042 / Perimeter | HV 028 | CO116 | 09:37 | 10:39 | 62 | 8.0 | 8.0 | 8.0 | 496 | 200 | 0 | 0.00 | <0.010 | 0.010 |
| 3 | Background | DQ002043 / Perimeter | HV 082 | CO117 | 09:40 | 10:43 | 63 | 8.0 | 8.0 | 8.0 | 504 | 200 | 2 | 0.0009 | <0.010 | 0.010 |
| 4 | Background | DQ002044 / Perimeter | HV 028 | CO119 | 10:40 | 12:08 | 88 | 8.0 | 8.0 | 8.0 | 704 | 200 | 3 | 0.0010 | <0.010 | 0.010 |
| 5 | Background | DQ002045 / Perimeter | HV 082 | CO120 | 10:43 | 12:11 | 88 | 8.0 | 8.0 | 8.0 | 704 | 204 | 2 | 0.0006 | <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 033 | 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 | DQ002046 / Perimeter | HV 028 | CO121 | 12:09 | 13:13 | 64 | 8.0 | 8.0 | 8.0 | 512 | 200 | 4 | 0.0018 | <0.010 | 0.010 |
| 7 | Background | DQ002047 / Perimeter | HV 082 | CO122 | 12:12 | 13:15 | 63 | 8.0 | 8.0 | 8.0 | 504 | 200 | 4 | 0.0018 | <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: 06/12/2023 09:37:48
Comments: DQ2042 Perimeter Air Monitoring



Date and time: 06/12/2023 09:40:48
Comments: DQ2043 Perimeter Air Monitoring



Date and time: 06/12/2023 10:41:33
Comments: DQ2044 Perimeter Air Monitoring



Date and time: 06/12/2023 10:44:32
Comments: DQ2045 Perimeter Air Monitoring



Date and time: 06/12/2023 12:13:45
Comments: DQ2046 Perimeter Air Monitoring



Date and time: 06/12/2023 12:14:48
Comments: DQ2047 Perimeter Air Monitoring

Supporting Photographs



| | |
|-------------------------------------|-------------------------------------|
| 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: |
| 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, consisting of several overlapping loops and a long horizontal stroke at the end.

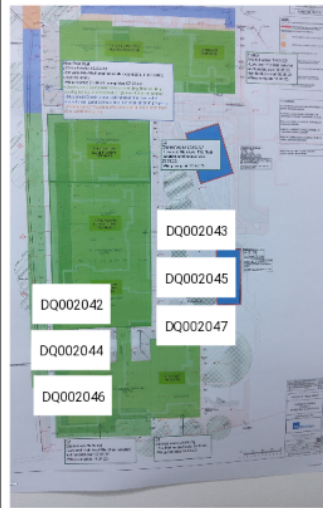
Site Representative:



Rob Redford

Signature:

A handwritten signature in black ink, featuring a large, stylized loop followed by a horizontal stroke.

Appendix 1 - Site Plan



| | | | |
|------------------------------|----------------------|------------------------------|---|
| Analyst Name: | Gabriel Malagodi | Analyst Signature: |  |
| Date: Time: | 06 Dec 2023 13:31 | | |
| Site Supervisor Name: | Rob Redford | Supervisor Signature: |  |
| Date: Time: | 06 Dec 2023 13:27 | | |

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.