SITE AIR TEST CERTIFICATE

APEC ENVIRONMENTAL

Email: info@apecuk.com Web: www.apecuk.com

9 Telford Court, Dunkirk Lea, Chester Gates, Chester, CH1 6LT. Tel: 01244 851753 Fax: 01244 851752

UKAS TESTING 2136

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Site Air Test Certificate Ref:	ST/23/7/24/GD1	Date of Issue:	24/07/2023	Page 1 of 4

Note: Inspection undertaken in accordance with APEC in-house Methods QCRF2, OH1 and OH2, based on the HSE publication HSG 248 'The Analysts Guide'

Site:	Client:	Contractor:
87 Rochdale Road Manchester Lancashire M4 4HY	Chartrange Chartrange Wharf Street Dukinfield Cheshire SK16 4NJ	Chartrange Chartrange Wharf Street Dukinfield Cheshire SK16 4NJ
Contact: N/A	**Contact:** James Kennedy	**Contact:** N/A

Samples taken by (APEC)					
Analyst	Greg Derrig	**Signed by (APEC)**		**Date**	24/07/2023

Air Testing

Purpose of Test

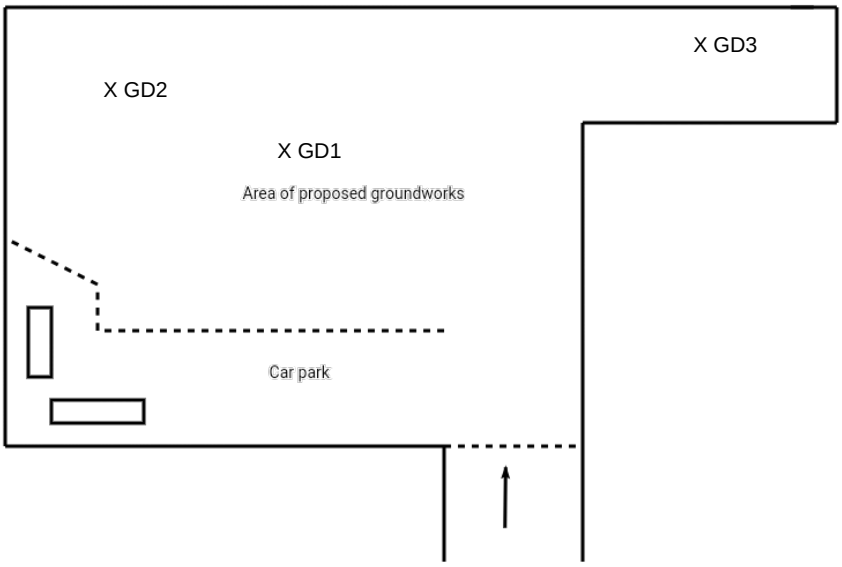
Far-Source Sampling		Near-Source sampling		Leak Test		Background Test	X	Reassurance Test	

Site Photograph and Additional Site Information

Area Assessed:	External land
Description of reason for test (including the nature and extent of ACMs removed):	Background air monitoring to check ambient air prior to breaking ground

Site Specific Risk Assessment:	Project Information Sheet (if used):
RA/23/7/24/GD1	-

Sample Area Layout Plan



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Air Test Summary

Field Blank No.	23/7/A/24/GD4	Fibres	-	Fields	-	Head No.	4D

Sample Number	Sample Location and Description	Sample Volume (l)	Fibres	Fields	Calculated Concentration (f/ml)	Reported Concentration (f/ml)	Limit of Quantification (f/ml)
23/7/A/24/GD1	External land	480	1	200	0.001	<0.010	0.010
23/7/A/24/GD2	External land	480	2	200	0.001	<0.010	0.010
23/7/A/24/GD3	External land	488	1	197	0.001	<0.010	0.010
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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The calculated result is derived from the formula published in HSG 248, The Analysts Guide; $C = 1000\ N\ D^2 / V\ n\ d^2$, where:
N = Number of fibres counted; **D** = Diameter of exposed filter area; **V** = Collected volume of sample; **n** = number of fields counted;
d = measured diameter of Walton Beckett graticule

Analysts' Comments (Opinions expressed are outside of the scope of our UKAS accreditation)

Findings of Testing and Analysis

The measured respirable airborne fibre concentrations are below the limit of quantification and no remedial measures are considered necessary	✓
One or more of the measured respirable airborne fibre concentrations are elevated and remedial measures have been advised to the client or contractor representative	

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Site Air Test Certificate Ref:	ST/23/7/24/GD1	Date of Issue:	24/07/2023	Page 3 of 4

Photographs

Photograph 1	Photograph 2
Photograph 3	**Photograph 4**
Sampling pump (sample ref: 23/7/A/24/GD1)	**Sampling pump (sample ref: 23/7/A/24/GD2)**
Sampling pump (sample ref: 23/7/A/24/GD3)	

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Contact: N/A	**Contact:** James Kennedy	**Contact:** N/A

Appendix 1 - Additional Air Test Information

Notes:

1. This information supplements the air test results found on page 2 of the Site Air Test Certificate and is only valid in conjunction with those results.
2. Temperature is recorded in **Kelvin (K)**, Pressure is recorded in **mmHg**, Flowrates are recorded in **litres per minute (l/min)**, Sample volume is recorded in **litres**
3. Interim flow checks are only carried out where the overall sample period exceeds approximately 1 hour
4. All testing and analysis is undertaken with reference to APEC' task specific risk assessments TRA 01 and TRA 02

APEC Analytical Equipment

Flow Meter	FM53	**Barometer**	N/A	**Thermometer**	N/A	**Stop Watch**	SW34	**Effective filter diameter (mm)**	22.60
Stage Micrometer No	SM21	**Measured Graticule dia.**	100	**HSE / NPL Test Slide No.**	PC26	**No. of bands seen**	5	**Microscope Number**	APM20
Samples counted by (APEC Analyst)	Greg Derrig	**Signed**		**Date Analysed**	24/07/2023	**Analysis Location (Site / Lab)**	Site		
Test Protocol:	**1S (Background Airtest)**					**Checked by:**	N/A		
Suitability of Counting Location	**Location assessed and adequate (if not record details in Analyst Comments)**	✓	**Counting Location (describe)**	Site office					

Sample Number	Pump No.	Head No.	Temp	Pressure	Start Flow	Start Time	Interim Flow	Interim Time	End Flow	End Time
23/7/A/24/GD1	JT2234	4A	N/A	N/A	8.0	10:06	-	--:--	8.0	11:06
23/7/A/24/GD2	JT2235	4B	N/A	N/A	8.0	10:07	-	--:--	8.0	11:07
23/7/A/24/GD3	JT2236	4C	N/A	N/A	8.0	10:09	-	--:--	8.0	11:10
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
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Analysts in Training

To be signed off by the lead analyst where the analyst carrying out the inspection and testing is working under supervision as part of training.

Trainer / Lead		**~~Signed by (APEC)~~**		**~~Date:~~**	
~~Trainee~~		**~~Signed by (APEC)~~**		**~~Date:~~**	