

## LABORATORY ANALYSIS REPORT

### NITROGEN DIOXIDE IN DIFFUSION TUBES BY U.V.SPECTROPHOTOMETRY

**REPORT NUMBER** L06850R  
**BOOKING IN REFERENCE** L06850  
**DESPATCH NOTE** 38272  
**CUSTOMER** Stanley Knill Attn: Stanley Knill  
 Friends of the Earth  
 1st Floor, The Printworks  
 139 Clapham Road  
 London, Stockwell  
 SW9 0HP  
 Greater London

**DATE SAMPLES RECEIVED** 29/09/2017  
**JOB REFERENCE** Manchester FoE

Location	Sample Number	Exposure Data		Time (hr.)	$\mu\text{g}/\text{m}^3$ *	ppb *	TOTAL $\mu\text{g NO}_2$
		Date On	Date Off				
One Manchester Community Allotment, City Rd. M15 4FA	891025	10/09/2017	26/09/2017	383.53	1.66	0.87	0.05
Red Bricks Estate by Slip Road. M15 5FD	891024	10/09/2017	26/09/2017	383.58	47.09	24.58	1.31
60 Plainsfied Street Hulme M16 7HB	891023	10/09/2017	26/09/2017	384.17	<0.61	<0.32	<0.017
Hulme Garden Centre, M15 5RG	891022	10/09/2017	26/09/2017	379.25	26.35	13.75	0.73
Lamp post - Strettford Rd meets Old Buley St M15 5LA	891021	10/09/2017	26/09/2017	379.42	48.03	25.07	1.32
Hulme Arch, Strettford Rd, M15 6BM	891020	10/09/2017	26/09/2017	379.75	47.08	24.57	1.30
Hulme Park/Websters Primary School M15 4ZY	891019	10/09/2017	26/09/2017	379.50	30.34	15.83	0.84
Active Lifestyle Centre, Denmark Rd, M15 6FG	891018	10/09/2017	26/09/2017	385.50	28.75	15.00	0.81
Laboratory Blank				385.50	0.39	0.20	0.011

**Comment: Results are not blank subtracted**

**Results reported as <0.017 are below the reporting limit.**

**Results have been corrected to a temperature of 293 K (20°)**

**Overall M.U.**  $\pm 7.8\%$

**Limit of Detection** 0.017 $\mu\text{gNO}_2$

Analysed on UV 04  
Camspec M550

**Tube Preparation :** 20% TEA / Water

**Analyst Name**

Oliver Branchflower

**Report Checked By**

Duncan Wilson

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk (\*). Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd. This report is not to be reproduced, except in full, without the written permission of Gradko International Ltd.

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Gradko International Ltd  
This signature confirms the authenticity of these results  
Signed.....  
L. Gates, Laboratory Manager

## LABORATORY ANALYSIS REPORT

Date of Analysis

06/10/2017

Date of Report

06/10/2017

Analysis carried out in accordance with documented in-house Laboratory Method  
GLM7

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Gradko International Ltd  
This signature confirms the authenticity of these results  
Signed.....*L. Gates*.....  
L. Gates, Laboratory Manager