

# Remediation Validation Report

Eastleigh Works, Southampton (Plots 307 & 320)

Presented to: **Diageo Investment Fund Limited**

Issued: August 2022

Delta-Simons Project No: 17-1080.24

## Report Details

|                             |                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------|
| <b>Client</b>               | Diageo Investment Fund Limited                                                                     |
| <b>Report Title</b>         | Remediation Validation Report                                                                      |
| <b>Site Address</b>         | Eastleigh Works, Southampton, SO50 5AD (Plots 307 & 320)                                           |
| <b>Report No.</b>           | 17-1080.24_REP_Eastleigh, Plot 320_RVR_2022-08-04                                                  |
| <b>Delta-Simons Contact</b> | David Josling ( <a href="mailto:david.josling@deltasimons.com">david.josling@deltasimons.com</a> ) |

## Quality Assurance

| Issue No. | Status | Issue Date | Comments | Author                                                                            | Technical Review                                                                      | Authorised                                                                          |
|-----------|--------|------------|----------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 01        | Final  | 05/08/2022 |          |  |  PP |  |
|           |        |            |          | Luke Barber<br>Consultant                                                         | David Jackson<br>Associate                                                            | David Josling<br>Associate                                                          |

## About Us

Delta-Simons is a trusted, multidisciplinary environmental consultancy, focused on delivering the best possible project outcomes for customers. Specialising in Environment, Health & Safety and Sustainability, Delta-Simons provide support and advice within the property development, asset management, corporate and industrial markets. Operating from across the UK we employ over 210 environmental professionals, bringing experience from across the private consultancy and public sector markets.

As part of Lucion Services, our combined team of 500 in the UK has a range of specialist skill sets in over 50 environmental consultancy specialisms including asbestos, hazardous materials, ecology, air and water services, geo-environmental and sustainability amongst others.



Delta-Simons is proud to be a founder member of the Inogen Environmental Alliance, enabling us to efficiently deliver customer projects worldwide by calling upon over 5000 resources in our global network of consultants, each committed to providing superior EH&S and sustainability consulting expertise to our customers. Through Inogen we can offer our Clients more consultants, with more expertise in more countries than traditional multinational consultancy.

Delta-Simons is a 'Beyond Net-Zero' company. We have set a Science-Based Target to reduce our Scope 1 and Scope 2 carbon emissions in line with the Paris Agreement and are committed to reducing Scope 3 emissions from our supply chain. Every year we offset our residual emissions by 150% through verified carbon removal projects linked to the UN Sustainable Development Goals. Our consultancy services to you are climate positive.

If you would like support in understanding your carbon footprint and playing your part in tackling the global climate crisis, please get in touch with your Delta-Simons contact above who will be happy to help.

## Table of Contents

|     |                                                                               |    |
|-----|-------------------------------------------------------------------------------|----|
| 1.0 | INTRODUCTION .....                                                            | 1  |
| 1.1 | Appointment .....                                                             | 1  |
| 1.2 | Context & Purpose .....                                                       | 1  |
| 1.3 | Limitations .....                                                             | 1  |
| 1.4 | Planning Conditions .....                                                     | 1  |
| 2.0 | SITE HISTORY AND CONTAMINATION REVIEW (PLOTS 307 & 320).....                  | 3  |
| 2.1 | Site Description & Investigation History .....                                | 3  |
| 2.2 | The Development .....                                                         | 3  |
| 3.0 | REMEDIATION REQUIREMENTS .....                                                | 4  |
| 3.1 | Pre-Construction Enabling Works .....                                         | 4  |
| 3.2 | Construction Phase .....                                                      | 4  |
| 4.0 | PRE-CONSTRUCTION ENABLING WORKS .....                                         | 5  |
| 4.1 | Visible Asbestos Removal .....                                                | 5  |
| 4.2 | Details of Waste Disposal from Groundworks .....                              | 5  |
| 4.3 | Previously unidentified 'Hotspots' and Contamination Discovery Strategy ..... | 5  |
| 4.4 | Borehole Decommissioning .....                                                | 5  |
| 5.0 | CONSTRUCTION PHASE MITIGATION MEASURES .....                                  | 7  |
| 5.1 | Clean Cover System Soils Depths, Membranes & Provenance .....                 | 7  |
| 5.2 | Imported Aggregates .....                                                     | 7  |
| 5.3 | Topsoil Quality (Contaminants) .....                                          | 7  |
| 5.4 | Ground Gas / Soil Vapour Mitigation Measures .....                            | 9  |
| 5.5 | Potable Water Supply Pipes / Clean Corridors .....                            | 9  |
| 6.0 | CLEAR STATEMENT ON REMEDIATION COMPLETION .....                               | 10 |

### FIGURES

Figure 1 – Site Location Plan

Figure 2 – Site Layout Plan

Figure 3 – Borehole Location Plan

### DRAWINGS

Drawing 1 – Topsoil Sampling Location Plan

### APPENDICES

Appendix A – Limitations

Appendix B – Hazardous Waste Consignment Notes (Asbestos)

Appendix C – Asbestos Reassurance Monitoring Results

Appendix D – Non-Hazardous Waste Transfer Notes

Appendix E – Borehole Decommissioning

Appendix F – Soil Import Analysis Results & Invoice

Appendix G – Photographs

Appendix H – Separator Layer Specification

Appendix I – Aggregate Primary Source Documentation

## 1.0 Introduction

### 1.1 Appointment

Delta-Simons Limited ("Delta-Simons") was instructed by Diageo Investment Fund Limited (the "Client") to prepare a Remediation Validation Report (RVR) in relation to Plot 307 and Plot 320, Eastleigh Works, Southampton, SO50 5AD (the "Site").

The location of the Site is shown as Figure 1.

### 1.2 Context & Purpose

The purpose of this document is to provide a formal statement on the completion of remediation and mitigation measures as outlined in the Remediation & Verification Strategy (RVS) and undertaken/implemented by Landbuild Ltd (the 'Contractor') for these two plots only.

For detailed information on the Site setting and full details of intrusive investigations undertaken across the wider Site prior to redevelopment, this report should be read in conjunction with Delta-Simons previous reports as follows:

- *Preliminary Geo-Environmental Risk Assessment, Eastleigh Works, Campbell Road, Eastleigh* on behalf of Diageo Investment Fund Ltd reference 17-1080.05 dated 18<sup>th</sup> January 2019;
- *Geo-Environmental Assessment, Eastleigh Works*, on behalf of Diageo Investment Fund Ltd reference 17-1080.05 dated 19<sup>th</sup> March 2019;
- *Geo-Environmental Assessment, Eastleigh Works, Southampton, SO50 5AD* on behalf of Diageo Investment Fund Ltd reference 17-1080.08 dated 24<sup>th</sup> November 2020; and
- *Remediation & Verification Strategy, Eastleigh Works*, on behalf of Diageo Investment Fund Ltd reference 17-1080.08 dated 7<sup>th</sup> September 2021;

### 1.3 Limitations

Delta-Simons has obtained, reviewed and evaluated information in preparing this statement from the Client, the Contractor and their subcontractors. Delta-Simons' conclusions, opinions and recommendations are based upon this information. Delta-Simons does not warrant the accuracy of the information provided to it and will not be responsible for any opinions that Delta-Simons has expressed, or conclusions that it has reached, in reliance upon information which is subsequently proven to be inaccurate.

Delta-Simons has not been commissioned to provide validation of earthworks or materials management.

The standard limitations associated with this assessment are presented in Appendix A.

### 1.4 Planning Conditions

A summary of current planning applications and associated environmental conditions relating to planning application F/20/87841 are presented below. It is understood that planning has been consented at the Site and the following contaminated land requirements have been established as part of Planning Condition 30, 31, 32 and 33.

#### Condition 30

*"Unless otherwise formally agreed in writing with the local planning authority, no demolition, construction or other development works shall commence on each phase or part of the development until the following information in respect of that phase or area of the site has been submitted to, and approved in writing by, the Local Planning Authority (LPA).*

- a) A Report of Preliminary Investigation comprising a Desk Study, Conceptual Site Model, and Preliminary Risk Assessment documenting previous and existing land uses of the site and adjacent land in accordance with national guidance and as set out in Contaminated Land Report Nos. 11, CLR11 (or its replacement if withdrawn), and BS10175:2011+A2:2017 Investigation of potentially contaminated sites - Code of Practice; and, unless otherwise agreed in writing with the LPA,

- b) Report of a site investigation documenting the ground conditions of the site and incorporating chemical and gas analysis identified as appropriate by the Preliminary Investigation and in accordance with BS10175:2011+A2:2017, and BS 8576:2013; and, unless otherwise agreed with the LPA,*
- c) Detailed site-specific scheme for remedial works and measures to be undertaken to avoid the risk from contaminants and/or gases when the site is developed and proposals for future maintenance and monitoring, and arrangements for any contingency action. Such a scheme shall include nomination of a competent person to oversee the implementation of the work."*

### Condition 31

*"Prior to each phase of the development hereby permitted being occupied or brought into use, verification by the competent person approved under the provisions of condition 30(c) that any remediation scheme required and approved under the provisions of condition 30(c) has been implemented fully in accordance with the approved details (unless varied with the written permission of the LPA in advance of implementation), shall be submitted to and approved in writing by the local planning authority.*

*Unless first agreed in writing with the LPA, such verification shall comply with the guidance contained in CLR11 and EA Guidance for the Safe Development of Housing on Land Affected by Contamination - R&D Publication 66: 2008. Typically, such a report would comprise:*

- a) A description of the site and its background, and summary of relevant site information;*
- b) A description of the remediation objectives and remedial works carried out;*
- c) Verification data, including - sample locations/analytical results, as built drawings of the implemented scheme, photographs of the remediation works in progress, etc.; and,*
- d) Certificates demonstrating that imported and / or material left in situ is free from contamination and gas/vapour membranes have been installed correctly.*

*Thereafter the scheme shall be monitored and maintained in accordance with the scheme approved under condition 30(c)."*

### Condition 32

*"Unless otherwise formally agreed in writing with the local planning authority, no demolition, construction or other development works shall commence on each phase or part of the development until a scheme for managing any borehole installed for the investigation of soils, groundwater or geotechnical purposes within that area of phase has been submitted to, and approved in writing by, the Local Planning Authority. The scheme shall provide details of how redundant boreholes are to be decommissioned and how any boreholes that need to be retained, post-development, for monitoring purposes will be secured, protected and inspected. The scheme as approved shall be implemented prior to the occupation of each phase of development."*

### Condition 33

*"If, during development, contamination (liquid or solid) not previously identified is found to be present on the site then no further development (unless otherwise agreed in writing with the Local Planning Authority) shall be carried out until a remediation strategy detailing how this contamination will be dealt with has been submitted to and approved in writing by the Local Planning Authority. The remediation strategy shall then be implemented as approved."*

It is understood that the Local Authority have accepted that Condition 30 and Condition 32 have already been discharged for the wider Site under permission DC/21/91051 and the following document has been compiled to support the discharge of Condition 31 for plots 307 and 320 only.

## 2.0 Site History and Contamination Review (Plots 307 & 320)

The following information and sections contained within this report have been designed to support the discharge of planning condition 31 for plots 307 and 320 only.

### 2.1 Site Description & Investigation History

The Landmark Envirocheck Report indicates that Plot 307 was in agricultural use until circa 1931 when it was occupied with a railway line in the north of the plot and another in the south trending south-east to north-west. Two small buildings have been constructed in the north of the plot by circa 1961 and the south-east of the plot is indicated to be marshy ground. By circa 1983 the two small buildings have been demolished and replaced by a large rectangular building in the north with two railway lines trending from the north-west of the plot to the south-eastern corner. Google Earth Mapping shows that the Site remains much the same until circa December 2020 when the large rectangular building was demolished. This section of Site is unchanged till present day.

Plot 320 is indicated to be in agricultural use until around the same time (circa 1931) but continued to be vacant land until circa 1999 when aerial imagery shows the plot is sectioned up by strips of soft landscaping and trees, potentially in use as a car park. Google Earth Imagery indicates that the trees and soft landscaping have been removed but the plot remains as car parking until present day.

Delta-Simons carried out intrusive investigations over the wider works in March 2019 to provide information on the chemical quality and ground engineering parameters of soils and groundwater. The following intrusive locations were advanced by Delta-Simons within the specified plots and soft landscaping area.

#### Plot 307

- Drilling of 3 no. Cable Percussion boreholes (BH05, BH09, and BH10); and
- Drilling of 7 no. Dynamic Sampling boreholes (DS126, DS128, DS129, DS131, DS132, DS133, and DS134).

#### Plot 320

- Excavation of 3 no. trial pits (TP102, TP103, and TP104); and
- Drilling of 9 no. Dynamic Sampling boreholes (DS135, DS136, DS137, DS139, DS140, DS141, DS145, DS146, and DS149).

The generalised ground conditions encountered across these two plots comprise the following:

- Made Ground ranging between absent (BH109) to 2.5 m (BH105) and averaging 1.0 m in depth;
- Cohesive River Terrace Deposits ranging between 1.9m (DS134) to 3.5 m (DS149), locally absent;
- Granular River Terrace Deposits ranging between 4.8 m (DS149) and 6.1 m (BH05 and BH10)
- London Clay encountered within DS149, BH05, BH09, and BH10 with a maximum thickness of 4.35 m but the base of which was not proven.

Standing groundwater levels within boreholes ranged between 9.56 – 10.30 m bgl AOD.

Elevated concentrations of target contaminants within soil and groundwater were generally not identified within the two plots. There was an isolated exceedance of lead in DS135 located in Plot 320. Asbestos was detected in five locations in Plot 307 (DS131, DS132, DS133, DS134, and BH105) and nine locations in Plot 320 (DS135, DS137, DS139, DS140, DS141, DS145, DS146, DS149, and TP104).

For full details of intrusive investigations undertaken at the Site prior to redevelopment, this Remediation Validation Report should be read in conjunction with Delta-Simons *Geo-Environmental Assessment, Eastleigh Works* Report, 17-1080.05 dated November 2020.

### 2.2 The Development

Broadly, the development was proposed to comprise the preparation of the Site for use of as open storage along with the construction of an acoustic fence along the south west boundary.

## 3.0 Remediation Requirements

The contamination conclusions and recommendations set out in the Remediation and Verification Strategy (RVS) Report (June 2021) are summarised below:

### 3.1 Pre-Construction Enabling Works

- Asbestos fragments pick following removal of existing hardstanding.
- Provision of details of waste disposal of any material from the Site including waste transfer documentation and details of the receiving treatment/landfill facility.
- A record of any 'hotspots' found during construction and groundworks and the associated actions taken to remove them.
- Details of borehole decommissioning

### 3.2 Construction Phase

- Confirmation of the chemical results, and transfer notes detailing the place of origin of any imported topsoil/ subsoil/ fill;
- Confirmation of 300mm cover system in any soft landscaped areas
- Confirmation of installation of appropriate potable water pipes and clean service corridors;
- Details of ground gas protection design and verification;

## 4.0 Pre-Construction Enabling Works

### 4.1 Visible Asbestos Removal

The RVS recommended that following removal of the existing hardstanding, that a hand-picking exercise be undertaken to remove visibly identifiable fragments of asbestos prior to undertaking the main enabling works package.

Landbuild have advised that visible asbestos was handpicked, bagged up daily and disposed of in bulk at an appropriate facility with the remaining exposed soils covered with a barrier membrane by specialist asbestos Contractor Hughes and Salvidge. Landbuild have provided the following waste consignment notes in relation to this activity (included as Appendix B):

- Consignment Note Ref. 0077 - 20kg of asbestos (amphibole) by H & S Asbestos dated 14<sup>th</sup> December 2021; and
- Consignment Note Ref. 723975 - 200 kg of asbestos (white) by Hills Waste Solutions dated 27<sup>th</sup> April 2022.

In total 200kg of chrysotile asbestos was taken to Hills Waste, Parkgate hazardous Landfill with a further five bulk bags of asbestos waste sent to H&S Management, Unit D, Pegham Industrial Estate, Fareham P15 5SD.

Due to the potential for asbestos fibre release during this activity reassurance asbestos air monitoring was undertaken to assess risk to workers and off-Site receptors (nearby residents). The results are included as Appendix C. The results also provide further detail on daily activities that pertain to this aspect of the remediation works.

### 4.2 Details of Waste Disposal from Groundworks

Non hazardous Waste Transfer Notes for waste material managed off-Site are presented in Appendix D.

### 4.3 Previously unidentified 'Hotspots' and Contamination Discovery Strategy

Landbuild have confirmed that no additional hotspots of contamination were encountered during construction activities in Plot 307 and 320 (other than the known asbestos impact).

### 4.4 Borehole Decommissioning

The RVS required that all boreholes will be decommissioned as part of the enabling works due to the absence of groundwater monitoring requirements during the construction and post construction phases of the scheme. The following boreholes were installed within Plots 307 and 320:

- BH105, BH109, BH110,
- DS128, DS132, DS133, DS135, DS136, DS139, DS141, DS146

Refer to Figure 3 for the specific locations.

Following completion of the enabling works, the Contractor reattended the Site to decommission the existing wells. Where identified, boreholes were exposed and dipped to confirm depth to groundwater and also base of the well. The wells were then backfilled to 2m below ground level (bgl) with pea gravel, and between 2m and ground level plugged with bentonite slurry. The surface at each location was then either reinstated with reinforced concrete or a concrete plug.

Where boreholes have been located, the wells have been broadly decommissioned to prevent preferential pathways however in several locations the full depth of the Made Ground has not been fully sealed off with bentonite. These deviations corresponded to BH109 where approximately 0.5m of Made Ground was not sealed off with bentonite and at DS133 where ~0.1m of Made Ground was not sealed off. Given the absence of a cohesive layer beneath the Made Ground at BH109 and at DS133, the absence of a bentonite seal to the base of the Made Ground is not considered to pose an unacceptable risk to controlled waters given that the Made Ground is already in contact with the deeper granular deposits.

Locally it was not possible to decommission BH105 and DS128 due to the presence of a temporary building whilst it was not possible to locate BH110 to undertake the works. It is suspected that this location had been destroyed during previous enabling works with the area now capped with concrete and tarmac.

A method statement for decommissioning the boreholes, along with a record of the decommissioning activities and photographs are included in Appendix E.

## 5.0 Construction Phase Mitigation Measures

### 5.1 Clean Cover System Soils Depths, Membranes & Provenance

Delta-Simons have been provided with the topsoil importation details from Landbuild, highlighting the material source location and volume of material to be imported on to the soft landscaping area. Topsoil invoicing has been included as Appendix F which references source location and the Eastleigh Works destination for the soils. The topsoil provided has been manufactured to industry standards with conformity to PAS100:2015 with the following details provided:

- Topsoil Location - TJ Transport Limited, 127 Wickham Road, Fareham, Hampshire, PO17 5DB.
- Mass - 411.9 tonnes of 15-20 mm PAS100:2015 soils have been imported total.

Landbuild conducted depth checks in July 2022 to confirm the depths of the emplaced imported material in eighteen locations (1 to 18) at approximately 20m linear intervals along the acoustic fence soft landscaping strip of land.

The locations of the test pits are included in Drawing 1 and are broadly located along the length of the acoustic barrier with photographs included in Appendix G.

The information provided by Landbuild demonstrates varying depths of topsoil equalling or greater than the 300 mm within the soft landscaping area as specified by the RVS.

As part of the RVS the inclusion of a suitable separation layer in landscaped areas of the Site was required. Photographs included as Appendix G highlight the use of a suitable separator layer (refer to Appendix H for product specification) that has been installed in the new soft landscaping areas along the acoustic fence. Based on this Delta-Simons consider this to achieve conformance with the Remediation and Verification Strategy.

The soils to the south of Plot 320 are retained soils that Landbuild have advised have not been disturbed as part of the groundworks.

It is understood that concrete slabs and hardstanding resulting from the previous development have been left in situ at Plot 307 and along access roads, and on this basis no change to the existing surfacing has been undertaken.

### 5.2 Imported Aggregates

Landbuild have advised that only Type 3 Primary 'Virgin Quarried' Aggregates have been imported onto the Site to form areas of granular hardstanding, predominantly across Plot 320. Evidence of the provenance of this material is included in Appendix I. Due to the import of primary virgin quarried aggregate, no chemical testing was deemed necessary for this material.

The same separator layer as in the soft landscaped areas was installed below the granular hardstanding layer. Photographs of this are included in Appendix G.

As part of the preparation of Plot 320, the plot was covered by Primary aggregate underlain by a geotextile layer. The contractor reported that the layer thickness was considered to have a nominal thickness between 100mm and 300mm. Whilst this is considered to be less than the thickness to be placed for areas of soft landscaping, the Client has confirmed that there is a duty for tenants of the plots to keep it in the same condition as when they took occupation e.g., maintain general Site levels and not allow separator layer to be exposed.

### 5.3 Topsoil Quality (Contaminants)

The assessment of risks in relations to human health has been undertaken using Generic Assessment Criteria (GAC). The GAC are predominantly based on long term (chronic) risk to health. However, in the limited circumstances where short term (acute) risks are more pronounced, these GAC have been utilised to ensure a thorough and conservative initial assessment is undertaken.

Whilst the proposed end use of the Site is commercial, as a precautionary measure, the soil chemical data has been compared against a residential with plant uptake GAC for 1% soil organic matter (SOM) content as stated in the RVS.

Chemical results for six soil samples from the imported soils have been provided by Landbuild. Based on the imported volumes of approximately 412 tonnes, this equates to a sampling frequency of one sample per 70 tonnes (40m<sup>3</sup>) of soil. Initial tests results did not include asbestos screening and as such Delta-Simons advised the Client to retrieve four retrospective samples from the soils along acoustic fence (Chainage Sample points 1, 6, 7 and 10 on Drawing 1) for asbestos screening. The results from the initial and retrospective testing are included as Appendix F and are summarised in the table below and screened against residential with plant uptake Generic Acceptance Criteria (GAC).

| Criteria for Imported Materials    |                           |      |        |                   |                        |
|------------------------------------|---------------------------|------|--------|-------------------|------------------------|
| Compound                           | Max Concentration (mg/kg) | GAC  | Source | Exceedance? (Y/N) | Location of Exceedance |
| Arsenic                            | 37.6                      | 37   | C4SL   | Y (1/6)           | Sample Location 9      |
| Cadmium                            | 1.56                      | 11   | LQM    | N                 | n/a                    |
| Chromium (III)                     | 160                       | 910  | LQM    | N                 | n/a                    |
| Chromium (VI)                      | <0.2                      | 6    | LQM    | N                 | n/a                    |
| Copper                             | 215                       | 2400 | LQM    | N                 | n/a                    |
| Lead                               | 350                       | 200  | C4SL   | Y (1/6)           | Sample Location 9      |
| Mercury (inorganic)                | 0.077                     | 40   | LQM    | N                 | n/a                    |
| Nickel                             | 65.9                      | 130  | LQM    | N                 | n/a                    |
| Selenium                           | <6.0                      | 250  | LQM    | N                 | n/a                    |
| Zinc                               | 735                       | 3700 | LQM    | N                 | n/a                    |
| Acenaphthene                       | <0.1                      | 210  | LQM    | N                 | n/a                    |
| Acenaphthylene                     | <0.1                      | 170  | LQM    | N                 | n/a                    |
| Anthracene                         | <0.1                      | 2400 | LQM    | N                 | n/a                    |
| Benzo[a]anthracene                 | 0.37                      | 7.2  | LQM    | N                 | n/a                    |
| Benzo[a]pyrene                     | 0.36                      | 2.2  | LQM    | N                 | n/a                    |
| Benzo[b]fluoranthene               | 0.2                       | 2.6  | LQM    | N                 | n/a                    |
| Benzo[ghi]perylene                 | 0.24                      | 320  | LQM    | N                 | n/a                    |
| Benzo[k]fluoranthene               | 0.2                       | 77   | LQM    | N                 | n/a                    |
| Chrysene                           | 0.44                      | 15   | LQM    | N                 | n/a                    |
| Dibenz[ah]anthracene               | <0.1                      | 0.24 | LQM    | N                 | n/a                    |
| Fluoranthene                       | 0.69                      | 280  | LQM    | N                 | n/a                    |
| Fluorene                           | <0.1                      | 170  | LQM    | N                 | n/a                    |
| Indeno[123-cd]pyrene               | 0.19                      | 27   | LQM    | N                 | n/a                    |
| Naphthalene                        | 0.15                      | 2.3  | LQM    | N                 | n/a                    |
| Phenanthrene                       | 0.21                      | 95   | LQM    | N                 | n/a                    |
| Pyrene                             | 0.63                      | 620  | LQM    | N                 | n/a                    |
| Benzene                            | <0.01                     | 0.2  | C4SL   | N                 | n/a                    |
| Toluene                            | <0.01                     | 130  | LQM    | N                 | n/a                    |
| Ethylbenzene                       | <0.01                     | 47   | LQM    | N                 | n/a                    |
| Xylene - m/p                       | <0.01                     | 56   | LQM    | N                 | n/a                    |
| Xylene - o                         | <0.01                     | 60   | LQM    | N                 | n/a                    |
| Total Petroleum Hydrocarbons (TPH) | 379                       | 500  | DS     | N                 | n/a                    |
| Aliphatic EC5-EC6                  | <0.1                      | 42   | LQM    | N                 | n/a                    |

| Criteria for Imported Materials |                           |              |        |                   |                                        |
|---------------------------------|---------------------------|--------------|--------|-------------------|----------------------------------------|
| Compound                        | Max Concentration (mg/kg) | GAC          | Source | Exceedance? (Y/N) | Location of Exceedance                 |
| Aliphatic >EC6-EC8              | <0.1                      | 100          | LQM    | N                 | n/a                                    |
| Aliphatic >EC8-EC10             | <10                       | 27           | LQM    | N                 | n/a                                    |
| Aliphatic >EC10-EC12            | <10                       | 130          | LQM    | N                 | n/a                                    |
| Aliphatic >EC12-EC16            | 15.9                      | 500          | DS     | N                 | Capped at 500 - professional judgement |
| Aliphatic >EC12-EC16            | 164                       | 500          | DS     | N                 | Capped at 500 - professional judgement |
| Aromatic >EC5-EC7               | <0.1                      | 70           | LQM    | N                 |                                        |
| Aromatic >EC7-EC8               | <0.1                      | 130          | LQM    | N                 | n/a                                    |
| Aromatic >EC8-EC10              | <10                       | 34           | LQM    | N                 | n/a                                    |
| Aromatic >EC10-EC12             | <10                       | 74           | LQM    | N                 | n/a                                    |
| Aromatic >EC12-EC16             | <10                       | 140          | LQM    | N                 | n/a                                    |
| Aromatic >EC16-EC21             | 33.7                      | 260          | LQM    | N                 | n/a                                    |
| Aromatic >EC21-EC35             | 243                       | 500          | DS     | N                 | Capped at 500 - professional judgement |
| Asbestos                        | Not Detected              | Not Detected | DS     | N                 | n/a                                    |

These results indicate that the majority of soils samples analysed were found to have contaminants of concern below their respective importation criteria with the exceptions of the following samples:

- Arsenic – 37.6 mg/kg @ Sample Location 9
- Lead – 350 mg/kg @ Sample location 9

In terms of the single elevated arsenic concentration this is not considered to be significant as the result was only 0.6mg/kg above the highly conservative GAC for a residential end use.

If we consider mean values as representative of the average concentrations of lead, based on the six results, the mean concentration is 92mg/kg which is approximately 50% of the GAC. As such we do not consider the single elevated result to be significant in context of spreading these soils along the strip of soft landscaping adjacent to an acoustic fence for a commercial end use. For context the commercial GAC for lead is 2,300 mg/kg.

## 5.4 Ground Gas / Soil Vapour Mitigation Measures

As Plots 307 and 320 are for external storage areas only i.e., no buildings / indoor spaces, the installation and verification of gas protection measures are not required in these areas of the Site.

## 5.5 Potable Water Supply Pipes / Clean Corridors

Landbuild have advised that only primary imported aggregate material have been used as backfill within service trenches. Further to this Landbuild have advised that only upgraded barrier pipe has been used for potable water supply on Site in any location.

## 6.0 Clear Statement on Remediation Completion

The above report includes a summary of the information provided by the Principal Contractor in relation to the preparation of the Site for use as open storage.

During the course of the enabling works gross asbestos was identified in the soils along the alignment of the acoustic fence and these materials were hand picked and also excavated to permit the installation of the fence and a suitable thickness of growing media in areas of soft landscaping. The results of laboratory testing have demonstrated the imported topsoil to have concentrations below their adopted importation screening criteria and where several heavy metal exceedances were recorded these were found to have concentrations well below commercial screening criteria and on this basis are considered suitable for use at the Site and to provide a suitable capping layer in areas of soft landscaping.

In areas across Plot 320, this has been locally inspected for ACMs, hand picked and then covered with a suitable separation layer and then covered by 100-300mm of primary aggregate. The primary aggregate has been placed to act as a suitable covering media across Plot 320 and has been placed to allow the movement of vehicles and storage of materials whilst at the same time preventing exposure to the underlying Made Ground. Whilst locally, primary aggregate thicknesses are less than the required capping media thickness, given that the tenant is required to maintain surface levels and not expose the underlying separator membrane and on the basis that the surface is well, maintained, Site users are unlikely to be exposed to contaminants in the deeper Made Ground.

As part of the enabling works, the majority of boreholes have been decommissioned however it was not possible to locate and decommission several boreholes due to the presence of temporary buildings.

Based on the information provided, it is considered that the mitigation measures set out in Delta-Simons' Remediation and Verification Strategy Report have been broadly implemented and where changes to the specification have occurred these are unlikely to have resulted in an unacceptable increase in risk to users of the Site.

## Figures

## Figure 1 – Site Location Plan



Legend

Site Boundary

0 100 200 300 400 m



Figure Site Location Plan

Job Eastleigh Works

Client Diaeo Investment Fund Ltd.

Figure 1 Revision 1 Date 15 July 2022

Drawn by LB Checked DJ Scale 1:10,000

Job No. 17-1080



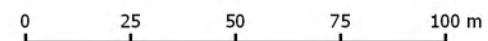
Bina.

## Figure 2 – Site Layout Plan



**Legend**

- Plot 320
- Plot 307
- Site Boundary



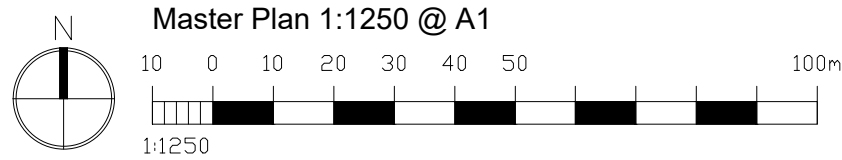
|                                                                 |                  |                        |
|-----------------------------------------------------------------|------------------|------------------------|
| Figure<br>Site Boundary                                         |                  |                        |
| Job<br>Eastleigh Works Plot 320, Plot 307, and Soft Landscaping |                  |                        |
| Client<br>Diageo Pension Trust Limited                          |                  |                        |
| Figure No.<br>2                                                 | Revision<br>2    | Date<br>04 August 2022 |
| Drawn by<br>LB                                                  | Checked by<br>DJ | Scale<br>1:1,800       |
| Job No.<br>17-1080.24                                           |                  |                        |

## Figure 3 – Borehole Location Plan



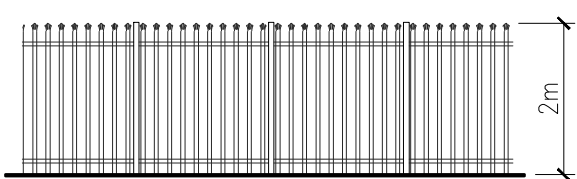
# Drawings

## Drawing 1 - Topsoil Sampling Location Plan

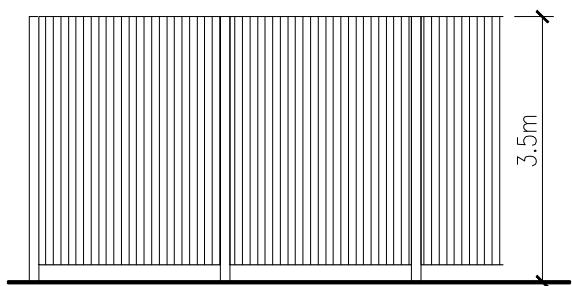


- OPEN STORAGE AREAS
- APPLICATION BOUNDARY
- ACOUSTIC FENCE 3.5m
- PALISADE FENCE 2m

Elevations of fences



PALISADE FENCE  
scale 1:100



ACOUSTIC FENCE  
scale 1:100

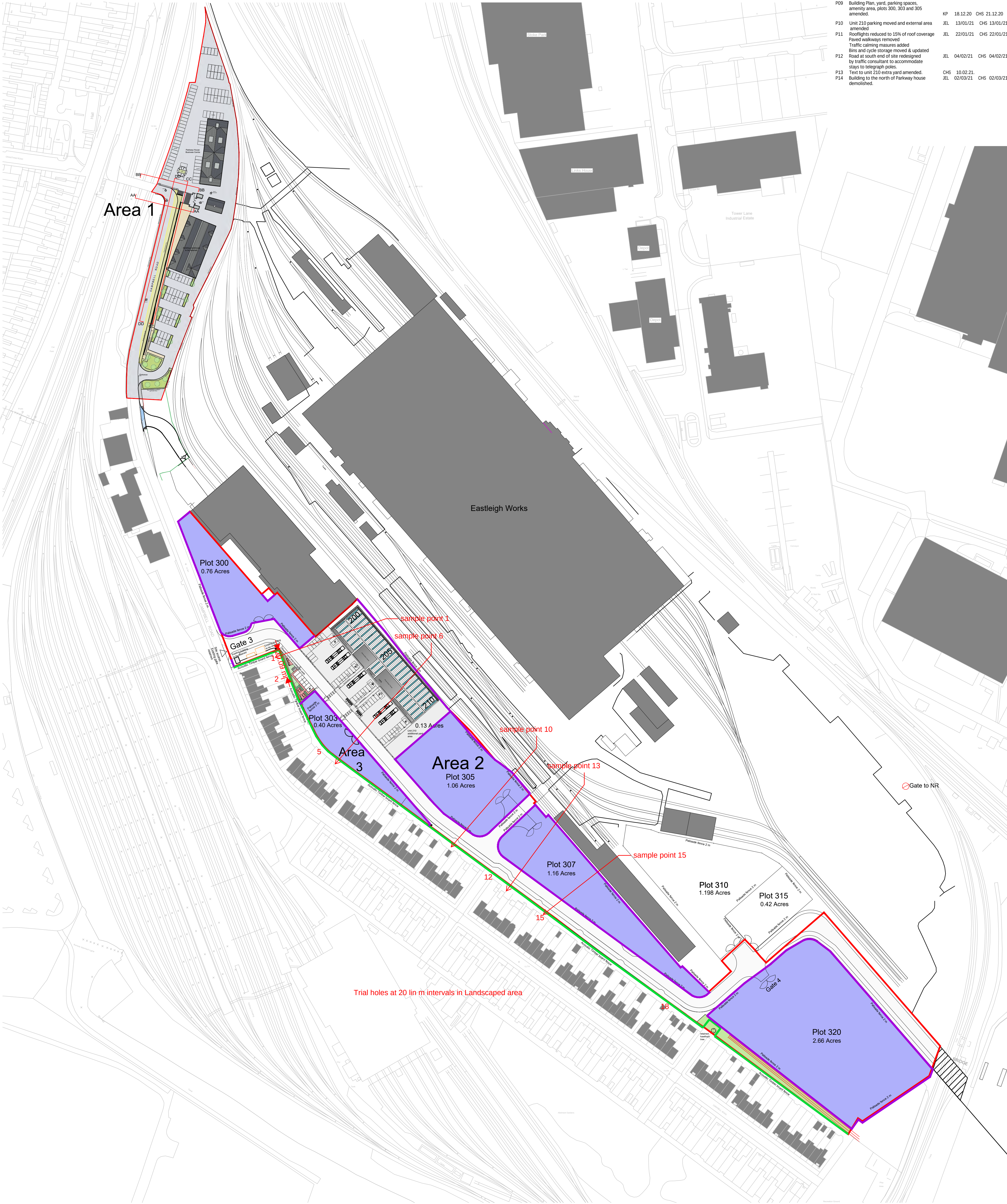
Notes

- This drawing is the copyright of MH Architects Ltd
- Do not scale this drawing except for Local Authority planning purposes
- All dimensions must be checked on site by the contractor prior to commencement of the works.



Client Approval

| X    | A - Approved                                                                                                                                  |        |           |        |          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|--------|----------|
| X    | B - Approved with comments                                                                                                                    |        |           |        |          |
| X    | C - Do not use                                                                                                                                |        |           |        |          |
| Rev. | Revision Note/Purpose of Issue                                                                                                                | Drw By | Date      | Chk By | Date     |
| P05  | Fence heights amended in key                                                                                                                  | KP     | 25/09/20  | CS     | 25/09/20 |
| P06  | Fence height amended in key                                                                                                                   | KP     | 01/10/20  | CS     | 01/10/20 |
| P07  | Road and plot layout amended.                                                                                                                 | KP     | 13/11/20  | CS     | 13/11/20 |
| P08  | Hawthorn tree added and acoustic fence amended.                                                                                               | CHS    | 19.11.20. |        |          |
| P09  | Building Plan, yard, parking spaces, amenity area, plots 300, 303 and 305 amended.                                                            | KP     | 18.12.20  | CHS    | 21.12.20 |
| P10  | Unit 210 parking moved and external area amended.                                                                                             | JEL    | 13/01/21  | CHS    | 13/01/21 |
| P11  | Rooflights reduced to 15% of roof coverage<br>Paved walkways removed<br>Traffic calming measures added                                        | JEL    | 22/01/21  | CHS    | 22/01/21 |
| P12  | Bins and cycle storage moved & updated<br>Road at south end of site redesigned by traffic consultant to accommodate stays to telegraph poles. | JEL    | 04/02/21  | CHS    | 04/02/21 |
| P13  | Text to unit 210 extra yard amended.                                                                                                          | CHS    | 10.02.21. |        |          |
| P14  | Building to the north of Parkway house demolished.                                                                                            | JEL    | 02/03/21  | CHS    | 02/03/21 |



Diageo Pension Trust Ltd  
Eastleigh Railway Depot  
Campbell Road  
Eastleigh

Drawing title

Proposed Fencing Plan

| Drawn            | Date       |      | Checked |       | Date       |      | Scale at A1    |      |
|------------------|------------|------|---------|-------|------------|------|----------------|------|
| KP               | 24/04/2020 |      | HJG     |       | 24/04/2020 |      | 1:1250 & 1:100 |      |
| Job No.          | Pro.       | Org. | Zone    | Level | Type       | Role | No.            | Rev. |
| 18-082           | ERD        | MHA  | XX      | 00    | DR         | A    | 005            | P14  |
| Purpose of Issue |            |      |         |       |            |      |                |      |
| PLANNING         |            |      |         |       |            |      |                |      |

Ground Floor  
Building  
Southern Gate  
West Sussex  
PO19 8EZ  
t: 01243 774748  
e: admin@mharchitects.co.uk  
www.mharchitects.co.uk  
Limited Company  
Registered in England No.1994233



## Appendices

## Appendix A - Limitations

## Limitations

This Report was prepared by Delta-Simons Limited (Delta-Simons) for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. Delta-Simons does not intend, without its written consent through a formal letter of reliance or warranty, for this Report to be disseminated to any party other than the named Client or to be used or relied upon by any party other than the named Client. Use of the Report by any other party is unauthorised and such use is at the sole risk of the user. Any party using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by Delta-Simons. Unless explicitly agreed otherwise, in writing, this Report has been prepared under Delta-Simons' Standard Terms and Conditions as included within our proposal to the Client.

The recommendations contained within this Report represent Delta-Simons professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the Report.

Where Delta-Simons has obtained, reviewed and evaluated information in preparing this Report from the Client and others and Delta-Simons conclusions, opinions and recommendations has been reasonably determined using this information, Delta-Simons does not warrant the accuracy of the third-party information provided to it and cannot be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

Site surveys document the conditions encountered at the time of survey only and conditions may change due to natural processes or human intervention. As such, surveys represent an assessment at a specific point in time and Delta-Simons cannot be responsible for adverse conditions which arise or become apparent after the time of the survey or for conditions which sit outside the scope for which the survey or Report was commissioned.

Where intrusive investigations have been completed, information, comments and opinions given in this report are based on the ground conditions encountered during the site work period and on the results of laboratory and field tests performed during the investigation. Ground conditions are inherently variable such that no investigation can be exhaustive to the extent that all adverse conditions are revealed. Conditions may therefore be present beneath the site that were not apparent in the data reviewed or obtained as part of this assessment. It should be noted that groundwater levels vary due to seasonal and other effects and may at times differ to those measured during the investigation. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions. Where risk assessment is undertaken, this is based upon the standards, guidance and common practice at the time of the assessment and Delta-Simons cannot be responsible for conditions which become apparent following changes in guidance or practice or advancements in scientific knowledge which change the position in relation to assessment of risk.

No aspect of this Report constitutes a design. Where this information is used in design, the designer should verify the information has been used appropriately.

Where budgets are prepared and presented within the Report, these are for information only to indicate the likely magnitude of a cost and do not represent an invitation to treat for the works. All budgets and programmes presented should be reviewed and verified by appropriately qualified and experienced independent Project Managers and Cost Consultants

## Appendix B - Hazardous Waste Consignment Notes (Asbestos)

# The Hazardous Waste Regulations 2005: Consignment Note 0077

IAN MARTIN  
0168350877



**H&S  
ASBESTOS**  
The complete asbestos removal solution  
11 Flathouse Road, Portsmouth, Hampshire, PO1 4QS  
Tel: 023 9275 3733

## PART A Notification details

1 Consignment note code: **HSASBE / 00033**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

**ARMINGTON RAILWAYS  
CAMDEN RD, EASTLEIGHT  
SO50 5AD**

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):

**H+S WASTE MANAGEMENT  
UNIT D & E, PEGHAM IND PARK  
LAVERYS LANE, FAREHAM, PO15 6SD**

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

**H+S ASBESTOS; FLATHOUSE RD  
PORTSMOUTH, PO1 4QS**

## PART B Description of the waste

If continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: **ASBESTOS REMOVAL** 2 SIC for the process giving rise to the waste: **39.00.10**

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

| Description of waste | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are: |                            | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard code(s)   | Container type, number and size |
|----------------------|--------------------------------------|---------------|-------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|------------------|---------------------------------|
|                      |                                      |               | Component                                                                     | Concentration (% or mg/kg) |                                                             |                  |                                 |
| <b>A1B</b>           | <b>170601</b>                        | <b>20 kg</b>  | <b>FIBROUS ASBESTOS</b>                                                       | <b>&lt; 15%</b>            | <b>SOLID</b>                                                | <b>H352 H373</b> | <b>5 BAGS</b>                   |

The information given below is to be completed for each EWC identified

| EWC code      | UN identification number(s) | Proper shipping name(s)   | UN class(es) | Packing group(s) | Special handling requirements |
|---------------|-----------------------------|---------------------------|--------------|------------------|-------------------------------|
| <b>170601</b> | <b>UN2212</b>               | <b>ASBESTOS AMPHIBOLE</b> | <b>9</b>     | <b>II</b>        | <b>MAJOR</b>                  |

## PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

1 Carrier name: **KEVIN CORN**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**H+S ASBESTOS  
AS ABOVE**

2 Carrier registration no./reason for exemption: **CBDU229 061**

3 Vehicle registration no. (or mode of transport, if not road):

Signature

Date **13/12/2021** Time **0900**

## PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name: **S. Robertson**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**H+S ASBESTOS  
AS ABOVE**

Signature

Date **14/12/2021** Time **0800**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC code received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|-----------------------------------------|----------------------------|------------------------------------------|
| <b>170601</b>                   | <b>20</b>                               | <b>Acc</b>                 | <b>D15</b>                               |

1 I received this waste at the address given in A4 on: Date **14/12/2021** Time **0844**

2 Vehicle registration no. (or mode of transport if not road): **NV69BWG**

3 Where waste is rejected please provide details:

Name: **M. Lulla**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**L&S RECYCLING CENTRE  
Units D & E, Pegham Industrial Estate  
Laverys Lane, Fareham, Hants. PO15 6SD**

Signature

Date **14/12/2021** Time **0844**

I certify that waste permit/exempt waste operation number:

**EPRDP3091EQ**

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)



SALES ADVICE & CONTROLLED WASTE  
TRANSFER NOTE

Incoming

Hills Waste Solutions Ltd

Head Office:

Wiltshire House,  
County Park Business Centre,  
Shrivenham Road,  
Swindon, SN1 2NR

Tel No: 01793 781200  
Fax No: 01793 781201  
VAT No: 194 3718 37

Trans Date: 27/04/2022  
Ticket Number: 723975  
Disp Point: Parkgate Farm Haz Landfill  
Lic/Permit Nbr: EPR/NP3934LH

|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                         |                                  |                                                                                                                         |                                 |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------|----------|
| CUSTOMER ADDRESS                                                                                                                                                                                                                                                                                                                                 | L & S WASTE MANAGEMENT LTD<br>Pegham Industrial Park<br>Laveys Lane<br>Fareham<br>Hampshire<br>PO15 6SD | DELIVERY/<br>PRODUCER<br>ADDRESS | Tipping Asbestos - L & S Waste Management<br>Unit D1-D2<br>Pegham Industrial Park<br>Laveys Lane<br>Fareham<br>PO15 6SD |                                 |          |          |
| ACCOUNT NUMBER                                                                                                                                                                                                                                                                                                                                   | L39000                                                                                                  | S.I.C. CODE                      | 38110                                                                                                                   |                                 |          |          |
| CUSTOMER ORDER No.                                                                                                                                                                                                                                                                                                                               |                                                                                                         | CWTN No.                         |                                                                                                                         |                                 |          |          |
| FLEET No.                                                                                                                                                                                                                                                                                                                                        |                                                                                                         | WEIGHTS                          | DATE                                                                                                                    | TIME                            | TALLY No |          |
| VEHICLE REG                                                                                                                                                                                                                                                                                                                                      | HN18XDK                                                                                                 | 10520 kg                         | GROSS                                                                                                                   | 27/04/2022                      | 09:17:53 | 99055607 |
| VEHICLE TYPE                                                                                                                                                                                                                                                                                                                                     | SL / BS12                                                                                               | 10320 kg                         | TARE                                                                                                                    | 27/04/2022                      | 09:55:38 | 99055612 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                         | 200 kg                           | NETT                                                                                                                    | **Min Charge Applied**          |          |          |
| HAULIER CODE                                                                                                                                                                                                                                                                                                                                     | HA00000133                                                                                              |                                  | QUANTITY                                                                                                                | Consignment Note Charge Applied |          |          |
| HAULIER NAME                                                                                                                                                                                                                                                                                                                                     | L & S Waste Management                                                                                  |                                  |                                                                                                                         |                                 |          |          |
| WASTE CARRIER No                                                                                                                                                                                                                                                                                                                                 | CBDU198877                                                                                              |                                  |                                                                                                                         |                                 |          |          |
| ROUND NUMBER                                                                                                                                                                                                                                                                                                                                     |                                                                                                         |                                  |                                                                                                                         |                                 |          |          |
| MAX WEIGHT                                                                                                                                                                                                                                                                                                                                       |                                                                                                         |                                  |                                                                                                                         |                                 |          |          |
| MATERIAL DESCRIPTION                                                                                                                                                                                                                                                                                                                             | Hazardous Asbestos - Construction                                                                       |                                  |                                                                                                                         |                                 |          |          |
| EWCODE                                                                                                                                                                                                                                                                                                                                           | 17 06 05*                                                                                               |                                  |                                                                                                                         |                                 |          |          |
| HAZARDOUS CODES                                                                                                                                                                                                                                                                                                                                  | HP7                                                                                                     |                                  |                                                                                                                         |                                 |          |          |
| SOURCE                                                                                                                                                                                                                                                                                                                                           | Southampton                                                                                             |                                  |                                                                                                                         |                                 |          |          |
| OPERATOR'S NAME                                                                                                                                                                                                                                                                                                                                  | Tony Jackson                                                                                            |                                  | OPERATOR'S SIGNATURE<br>           |                                 |          |          |
| CUSTOMER'S NAME                                                                                                                                                                                                                                                                                                                                  |                                                                                                         |                                  | CUSTOMER'S SIGNATURE                                                                                                    |                                 |          |          |
| From the 30th October 2007 it is a legal requirement that all waste for Landfill is pre-treated. By signing this document you are confirming that the above conditions have been complied with. I declare that the waste hierarchy has been considered in deciding the most appropriate waste management option for the waste being transferred. |                                                                                                         |                                  |                                                                                                                         |                                 |          |          |
| HAULIER'S NAME                                                                                                                                                                                                                                                                                                                                   | Makepeace Colin L & S Waste M                                                                           |                                  | HAULIER'S SIGNATURE<br>            |                                 |          |          |
| CONSIGNMENT No's.                                                                                                                                                                                                                                                                                                                                | HUGHES/L1154                                                                                            |                                  |                                                                                                                         |                                 |          |          |
| SUBJECT TO HILLS WASTE SOLUTIONS LIMITED TERMS & CONDITIONS OF BUSINESS WHICH ARE AVAILABLE FOR INSPECTION AT THE COMPANY'S HEAD OFFICE. REGISTERED IN ENGLAND AND WALES No. 571289                                                                                                                                                              |                                                                                                         |                                  |                                                                                                                         |                                 |          |          |

A record of the weights used for this transaction  
is available for six months



# The Hazardous Waste Regulations 2005: Consignment Note

**L&S Waste Management Ltd**

Producer's/Holder's/Consign's /Carrier's Copy

## PART A Notification details

1: Consignment note code: **H U G H E S L 1 1 5 4**

2: The waste described below is to be removed from (name, address, postcode, telephone, fax):  
**ARLINGTON FLEET SERVICES LTD**  
**CAMPBELL ROAD, EASTLEIGH**  
**S O 5 0 5 A D**

3: Premises Code: **H U G H E S**

4: The waste will be taken to (name address & postcode):  
**HILLS WASTE, PARKGATE HAZ LANDFILL,**  
**MOPES LANE, PURTON**  
**SN5 4HG**

5: The waste producer was (if different from 2)  
**AS A2**

## PART B Description of the waste

1: The process giving rise to the waste(s) was:  
**REFURBISHMENT**

SIC for the process giving rise to the waste(s): **4 1 2 0 0**

3: WASTE DETAILS (where more than one type of waste is collected all the information given below must be completed for each EWC identified)

| Description of Waste            | List of wastes<br>EWC codes | Quantity<br>(kg) | Components & Concentration |                | Physical<br>Form | Hazard<br>Codes | Container Type<br>Number and Size |
|---------------------------------|-----------------------------|------------------|----------------------------|----------------|------------------|-----------------|-----------------------------------|
|                                 |                             |                  | Component                  | Concentration  |                  |                 |                                   |
| CEMENT BOARD CONTATING ASBESTOS | <b>1 7 0 6 0 5</b>          |                  | <b>CHRYSTOLE</b>           | <b>&lt;15%</b> | <b>SOLID</b>     | <b>H7</b>       | <b>12 YARD</b>                    |
|                                 |                             |                  |                            |                |                  |                 | <b>ENCLOSED</b>                   |

The information given below is to be completed for each EWC identified

| EWC code           | Packing groups | UN Identification No(s) | Proper shipping name(s) | UN class(es) | Special handling requirements |
|--------------------|----------------|-------------------------|-------------------------|--------------|-------------------------------|
| <b>1 7 0 6 0 5</b> | <b>III</b>     | <b>2590</b>             | <b>ASBESTOS WHITE</b>   | <b>9</b>     | <b>RPE + PPE NEEDED</b>       |

## PART C Carrier's certificate

If more than one carrier is used, please attach schedule for subsequent carriers. If a schedule of carriers is attached, tick here I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any special handling requirements.

Where this note comprises part of a multiple collection the round No are

1: Carriers name: **COLIN MAKEPEACE**  
 On behalf of (name, address, postcode, telephone, fax, e-mail):  
**L&S WASTE, LAVEYS LANE, FAREHAM. PO16 6SD. (01329) 840000**

2: Carrier registration number: **CB/DU198877**

3: Vehicle registration number: **H N 1 8 X D K**

Signature:   
 Date **2 6 0 4 2 0 2 2** Time **1 5 0 0**

## PART E Consignee's certificate

| Individual EWC<br>code(s) received | Quantity of each EWC code received | EWC code accepted/<br>rejected | Waste management operation (R or D code) |
|------------------------------------|------------------------------------|--------------------------------|------------------------------------------|
| <b>1 7 0 6 0 5</b>                 | <b>200</b>                         | <b>ALL</b>                     | <b>D05</b>                               |

1: I received this waste at the address given in A4 on: Date **2 7 0 4 2 0 2 2** Time **0 9 1 7**

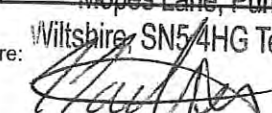
2: Vehicle registration number: **HN18XDK**

3: Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation no(s)  
**NP3934LH**

authorises the management of waste in B at the address in A4.  
 Where the consignment forms part of a multiple collection,  
 as identified in part c, I certify that the total number of  
 consignments forming the collection are

Name: **Wiltshire**  
 on behalf of: **Hills Waste Solutions Limited**  
**Parkgate Farm Waste Facility**  
**Mopes Lane, Purton, Swindon**  
**Wiltshire, SN5 4HG Tel: 01793 773410**

Signature:   
 Date **2 7 0 4 2 0 2 2** Time **0 9 1 7**

## PART D Consignor's certificate

I certify that the information in A,B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements. I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the waste (England and Wales) Regulations 2011

Consigners Name : **JOE BEBB**  
 1: On behalf of name and address, postcode, telephone.  
**L&S WASTE MANAGEMENT LTD, TITCHFIELD HOUSE**  
**LAVEYS LANE, FAREHAM, PO15 6SD, 01329 840 000**

Signature:   
 Date **2 7 0 4 2 0 2 2** Time **0 9 0 0**

## Appendix C – Asbestos Reassurance Monitoring Results

# Air Monitoring Report



21 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD



**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                                              |                           |             |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                      |                           |             |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                 |                           |             |
| <b>Client Order Number:</b>                          | .                                                                                                                                            |                           |             |
| <b>Work Type:</b>                                    | Far source                                                                                                                                   | <b>Date of works:</b>     | 21 Mar 2022 |
| <b>Area(s) to be assessed:</b>                       | South West fence line                                                                                                                        | <b>Size of Area:</b>      | N/A / N/A   |
| <b>Asbestos contractor representative:</b>           | Keith Howard                                                                                                                                 | <b>Report issue date:</b> | 21 Mar 2022 |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                |                           |             |
| <b>Brief description of works:</b>                   | Analytical monitoring in association with soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. |                           |             |

Analyst: Joseph Guerrier-Haskell

Signature:

Technically reviewed by:  
(authorised signatory) Joseph Guerrier-Haskell

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DV000286 / North of works         | FS                                                                                                                                                                                                                       | AB03                      | JG1                             | 08:54           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:54           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 2                                         | DV000287 / North of works (Close) | FS                                                                                                                                                                                                                       | AB08                      | JG2                             | 08:55           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:55           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 3                                         | DV000288 / South of works (Close) | FS                                                                                                                                                                                                                       | AB22                      | JG3                             | 08:56           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:56           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 4                                         | DV000289 / South of works         | FS                                                                                                                                                                                                                       | AB27                      | JG4                             | 08:57           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:57           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 5                                         | DV000290 / North of works         | FS                                                                                                                                                                                                                       | AB03                      | JG5                             | 11:00<br>13:00  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
| 6                                         | DV000291 / North of works (Close) | FS                                                                                                                                                                                                                       | AB08                      | JG6                             | 11:01<br>13:01  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 7                                         | DV000292 / South of works (Close) | FS                                                                                                                                                                                                                       | AB22                      | JG7                             | 11:02           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:02           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 8                                         | DV000293 / South of works         | FS                                                                                                                                                                                                                       | AB27                      | JG8                             | 11:03           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:03           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 9                                         | DV000294 / North of works         | FS                                                                                                                                                                                                                       | AB03                      | JG1                             | 13:08           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 15:08           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 10                                        | DV000295 / North of works (Close) | FS                                                                                                                                                                                                                       | AB08                      | JG2                             | 13:09           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 15:09           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 14°C                      | <b>Pressure (mb):</b>           | 1028mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 11                                        | DV000296 / South of works (Close) | FS                                                                                                                                                                                                                       | AB22                      | JG3                             | 13:10<br>15:10  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
| 12                                        | DV000297 / South of works         | FS                                                                                                                                                                                                                       | AB27                      | JG4                             | 13:11<br>15:11  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.010                    | 0.005                   |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

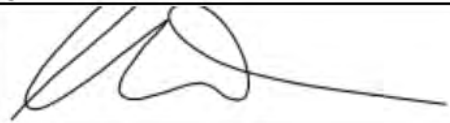
# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                        | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11                         | <b>NPL Test Slide No:</b>                         | NPL14       |                                    |                     |                           |                   |                                         |                           |                         |
|-------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|-------------------|-----------------------------------------|---------------------------|-------------------------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                  | <b>Temperature (°C):</b>                                                                                                                                                                                                  | 14°C                      | <b>Pressure (mb):</b>           | 1028mb                        | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |                   |                                         |                           |                         |
| <b>High Flow meter No:</b>                | FM 34                  | <b>Low flow meter No:</b>                                                                                                                                                                                                 | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm                       | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |                   |                                         |                           |                         |
| <b>Tally Counter:</b>                     | TC4                    | <b>Area:</b>                                                                                                                                                                                                              | South West fence line     |                                 |                               |                                                   |             |                                    |                     |                           |                   |                                         |                           |                         |
| Sample No                                 | Sample Ref / Location  | Sample Type                                                                                                                                                                                                               | Pump No                   | Filter Head No                  | Sampling Period               |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N)        | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |
|                                           |                        |                                                                                                                                                                                                                           |                           |                                 | Start End                     | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |                   |                                         |                           |                         |
| 13                                        | DV000298 / Field Blank | FB                                                                                                                                                                                                                        | N/A                       | N/A                             | N/A                           | 0                                                 | N/A         | 0.0                                | 0                   | N/A                       | N/A               | Field Blank                             |                           |                         |
| <b>Comments:</b>                          |                        | Far source/Perimeter monitoring undertaken to establish the airbourne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                               |                                                   |             |                                    |                     |                           |                   |                                         |                           |                         |
| <b>Flowmeter Correction Factor:</b>       |                        | N/A                                                                                                                                                                                                                       | <b>Analysis location:</b> |                                 | Mobile Lab                    |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |                   |                                         |                           |                         |
| <b>Sampled by:</b>                        |                        | Joseph Guerrier-Haskell                                                                                                                                                                                                   |                           | <b>Date of Sampling:</b>        |                               | 21/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |                   | <b>Date of Analysis (if different):</b> |                           | N/A                     |
| <b>Background Monitoring</b>              |                        | <b>Leak Monitoring</b>                                                                                                                                                                                                    |                           |                                 | <b>Reassurance Monitoring</b> |                                                   |             | <b>Near Source</b>                 |                     |                           | <b>Far Source</b> |                                         |                           | <b>Field Blank</b>      |
| BM                                        |                        | LM                                                                                                                                                                                                                        |                           |                                 | RM                            |                                                   |             | NS                                 |                     |                           | FS                |                                         |                           | FB                      |

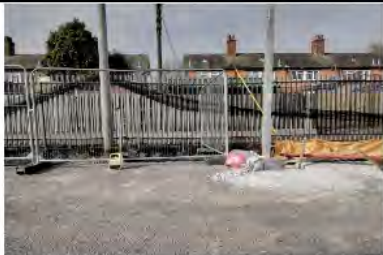
# Appendix 1 – Site Plan



|                       |                         |                       |                                                                                       |
|-----------------------|-------------------------|-----------------------|---------------------------------------------------------------------------------------|
| Analyst Name:         | Joseph Guerrier-Haskell | Analyst Signature:    |  |
| Date:<br>Time:        | 21 Mar 2022<br>15:45    |                       |                                                                                       |
| Site Supervisor Name: | Keith Howard            | Supervisor Signature: |  |
| Date:<br>Time:        | 21 Mar 2022<br>15:45    |                       |                                                                                       |

## Appendix 2 – Photographs



|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| AB03 08:55 21/03/22                                                               | AB08 08:55 21/03/22                                                                | AB22 08:55 21/03/22                                                                 | AB27 08:55 21/03/22                                                                 |
|  |  |  |  |
| AB03 11:00 21/03/22                                                               | AB08 11:01 21/03/22                                                                | AB22 11:02 21/03/22                                                                 | AB27 11:03 21/03/22                                                                 |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.

# Air Monitoring Report



23 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD



## ENVIROCHEM ANALYTICAL LABORATORIES LTD

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

### Company Details

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                                              |                           |             |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                      |                           |             |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                 |                           |             |
| <b>Client Order Number:</b>                          | RF532121                                                                                                                                     |                           |             |
| <b>Work Type:</b>                                    | Far source                                                                                                                                   | <b>Date of works:</b>     | 23 Mar 2022 |
| <b>Area(s) to be assessed:</b>                       | South West fence line                                                                                                                        | <b>Size of Area:</b>      | N/A / N/A   |
| <b>Asbestos contractor representative:</b>           | Keith Howard                                                                                                                                 | <b>Report issue date:</b> | 23 Mar 2022 |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                |                           |             |
| <b>Brief description of works:</b>                   | Analytical monitoring in association with soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. |                           |             |

Analyst: Joseph Guerrier-Haskell

Signature:

Technically reviewed by:  
(authorised signatory) Joseph Guerrier-Haskell

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DV000305 / North of works         | FS                                                                                                                                                                                                                       | AB03                      | JG1                             | 08:41<br>10:41  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
| 2                                         | DV000306 / North of works (close) | FS                                                                                                                                                                                                                       | AB08                      | JG2                             | 08:42<br>10:42  | 120                                               | 8.0<br>8.0  | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 3                                         | DV000307 / South of works (close) | FS                                                                                                                                                                                                                       | AB22                      | JG3                             | 08:43           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:43           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 4                                         | DV000308 / South of works         | FS                                                                                                                                                                                                                       | AB27                      | JG4                             | 08:44           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 10:44           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                          | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                            | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                            | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                              | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location            | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 5                                         | DV000309 / East of works (north) | FS                                                                                                                                                                                                                       | FU4                       | JG5                             | 08:45           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | 10:45           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 6                                         | DV000310 / East of works (south) | FS                                                                                                                                                                                                                       | UN                        | JG6                             | 08:46           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.010                    | 0.005                   |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | 10:46           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                  | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                  | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                  | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                  | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                  | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 7                                         | DV000311 / North of works         | FS                                                                                                                                                                                                                       | AB03                      | JG1                             | 11:22           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:22           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 8                                         | DV000312 / North of works (close) | FS                                                                                                                                                                                                                       | AB08                      | JG2                             | 11:23           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:23           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                           | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                             | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                               | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 9                                         | DV000313 / South of works (close) | FS                                                                                                                                                                                                                       | AB22                      | JG3                             | 11:24           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:24           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 10                                        | DV000314 / South of works         | FS                                                                                                                                                                                                                       | AB27                      | JG4                             | 11:25           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.005                    | 0.005                   |  |
|                                           |                                   |                                                                                                                                                                                                                          |                           |                                 | 13:25           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                          | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                       | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11           | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                            | <b>Temperature (°C):</b>                                                                                                                                                                                                 | 15°C                      | <b>Pressure (mb):</b>           | 1030mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 34                            | <b>Low flow meter No:</b>                                                                                                                                                                                                | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC4                              | <b>Area:</b>                                                                                                                                                                                                             | South West fence line     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location            | Sample Type                                                                                                                                                                                                              | Pump No                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 11                                        | DV000315 / East of works (north) | FS                                                                                                                                                                                                                       | FU4                       | JG5                             | 11:26           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.005                    | 0.005                   |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | 13:26           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| 12                                        | DV000316 / East of works (south) | FS                                                                                                                                                                                                                       | UN                        | JG6                             | 11:27           | 120                                               | 8.0         | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.005                    | 0.005                   |  |
|                                           |                                  |                                                                                                                                                                                                                          |                           |                                 | 13:27           |                                                   | 8.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                  | Far source/Perimeter monitoring undertaken to establish the airborne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                  | N/A                                                                                                                                                                                                                      | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                  | Joseph Guerrier-Haskell                                                                                                                                                                                                  |                           | <b>Date of Sampling:</b>        |                 | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                  | <b>Leak Monitoring</b>                                                                                                                                                                                                   |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                  | LM                                                                                                                                                                                                                       |                           | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 4                | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                        | BTC 24 / BTC24            | <b>Stage Micrometer:</b>        | WSM11                         | <b>NPL Test Slide No:</b>                         | NPL24       |                                    |                     |                           |                   |                                         |                           |                         |
|-------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|-------------------|-----------------------------------------|---------------------------|-------------------------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                  | <b>Temperature (°C):</b>                                                                                                                                                                                                  | 15°C                      | <b>Pressure (mb):</b>           | 1030mb                        | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |                   |                                         |                           |                         |
| <b>High Flow meter No:</b>                | FM 34                  | <b>Low flow meter No:</b>                                                                                                                                                                                                 | FM 33                     | <b>Exposed filter diameter:</b> | 22.5 mm                       | <b>Slides stored in slide box no:</b>             | 01/03/22 JG |                                    |                     |                           |                   |                                         |                           |                         |
| <b>Tally Counter:</b>                     | TC4                    | <b>Area:</b>                                                                                                                                                                                                              | South West fence line     |                                 |                               |                                                   |             |                                    |                     |                           |                   |                                         |                           |                         |
| Sample No                                 | Sample Ref / Location  | Sample Type                                                                                                                                                                                                               | Pump No                   | Filter Head No                  | Sampling Period               |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N)        | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |
|                                           |                        |                                                                                                                                                                                                                           |                           |                                 | Start End                     | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |                   |                                         |                           |                         |
| 13                                        | DV000317 / Field Blank | FB                                                                                                                                                                                                                        | N/A                       | JG9                             | N/A                           | 0                                                 | N/A         | 0.0                                | 0                   | N/A                       | N/A               | Field Blank                             |                           |                         |
|                                           |                        |                                                                                                                                                                                                                           |                           |                                 | N/A                           |                                                   | N/A         |                                    |                     |                           |                   |                                         |                           |                         |
| <b>Comments:</b>                          |                        | Far source/Perimeter monitoring undertaken to establish the airbourne fibre concentration during soil remediation works of contaminated soil containing poor condition chrysotile and amosite ACMs. Results satisfactory. |                           |                                 |                               |                                                   |             |                                    |                     |                           |                   |                                         |                           |                         |
| <b>Flowmeter Correction Factor:</b>       |                        | N/A                                                                                                                                                                                                                       | <b>Analysis location:</b> |                                 | Mobile Lab                    |                                                   |             | <b>Van reg:</b>                    |                     | HN15 ACU                  |                   |                                         |                           |                         |
| <b>Sampled by:</b>                        |                        | Joseph Guerrier-Haskell                                                                                                                                                                                                   |                           | <b>Date of Sampling:</b>        |                               | 23/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |                   | <b>Date of Analysis (if different):</b> |                           | N/A                     |
| <b>Background Monitoring</b>              |                        | <b>Leak Monitoring</b>                                                                                                                                                                                                    |                           |                                 | <b>Reassurance Monitoring</b> |                                                   |             | <b>Near Source</b>                 |                     |                           | <b>Far Source</b> |                                         |                           | <b>Field Blank</b>      |
| BM                                        |                        | LM                                                                                                                                                                                                                        |                           |                                 | RM                            |                                                   |             | NS                                 |                     |                           | FS                |                                         |                           | FB                      |

# Appendix 1 – Site Plan



|                       |                         |                       |                                                                                       |
|-----------------------|-------------------------|-----------------------|---------------------------------------------------------------------------------------|
| Analyst Name:         | Joseph Guerrier-Haskell | Analyst Signature:    |  |
| Date:<br>Time:        | 23 Mar 2022<br>14:28    |                       |                                                                                       |
| Site Supervisor Name: | Keith Howard            | Supervisor Signature: |  |
| Date:<br>Time:        | 23 Mar 2022<br>14:28    |                       |                                                                                       |

## Appendix 2 – Photographs



|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| AB03 08:41 23/03/22                                                               | AB08 08:42 23/03/22                                                                | AB22 08:43 23/03/22                                                                 | AB27 08:44 23/03/22                                                                 |
|  |  | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
| FU4 08:45 23/03/22                                                                | UN 08:46 23/03/22                                                                  |                                                                                     |                                                                                     |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.

# Air Monitoring Report



25 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD



**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                                                                                                                                                                                                                                                                                           |                           |                         |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| <b>Client Order Number:</b>                          | RF532121                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| <b>Work Type:</b>                                    | Far source                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Date of works:</b>     | 25 Mar 2022             |
| <b>Area(s) to be assessed:</b>                       | East boundary area                                                                                                                                                                                                                                                                                                                                                                                                | <b>Size of Area:</b>      | 500m <sup>2</sup> / N/A |
| <b>Asbestos contractor representative:</b>           | J Mcculloch                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Report issue date:</b> | 25 Mar 2022             |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| <b>Brief description of works:</b>                   | Analytical monitoring in association with the remediation to contaminated soil. Soil is damp so no need to use supression techniques. Size and quantities of ACM debris collected unknown but seem to consist mainly of small pieces. Exterior respirator zone in place with fencing and appropriate signage around. This area does lead to public spaces. Found ACM'S bagged and disposed of as per regulations. |                           |                         |

Analyst: Emma French

Signature:

Technically reviewed by:  
(authorised signatory) Emma French

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20            | <b>Stage Micrometer:</b>        | WSM19           | <b>NPL Test Slide No:</b>                         | NPL11                              |                           |            |                         |                                         |                         |        |       |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|---------------------------|------------|-------------------------|-----------------------------------------|-------------------------|--------|-------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C                      | <b>Pressure (mb):</b>           | 1031mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                           |            |                         |                                         |                         |        |       |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |                           |            |                         |                                         |                         |        |       |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area        |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V)                | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml               | Limit of Quantification |        |       |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | Start End       | Total (Mins)                                      | Start End                          | Used (L/min)              |            |                         |                                         |                         |        |       |
| 1                                         | DT000211 / West boundary line location A | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB37                      | EF1                             | 09:20           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 10:20           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| 2                                         | DT000212 / West boundary line location B | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB34                      | EF2                             | 09:21           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 1.5                                     | 0.0004                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 10:21           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                           |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>                    |                           | RF11PVK    |                         |                                         |                         |        |       |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of Sampling:</b>  |                                 | 25/03/2022      |                                                   | <b>Analysed by (if different):</b> |                           | N/A        |                         | <b>Date of Analysis (if different):</b> |                         | N/A    |       |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b>         |            | <b>Field Blank</b>      |                                         |                         |        |       |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                           | RM                              |                 | NS                                                |                                    | FS                        |            | FB                      |                                         |                         |        |       |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20            | <b>Stage Micrometer:</b>        | WSM19           | <b>NPL Test Slide No:</b>                         | NPL11                              |                           |            |                         |                                         |                         |        |       |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|---------------------------|------------|-------------------------|-----------------------------------------|-------------------------|--------|-------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C                      | <b>Pressure (mb):</b>           | 1031mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                           |            |                         |                                         |                         |        |       |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |                           |            |                         |                                         |                         |        |       |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area        |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V)                | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml               | Limit of Quantification |        |       |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | Start End       | Total (Mins)                                      | Start End                          | Used (L/min)              |            |                         |                                         |                         |        |       |
| 3                                         | DT000213 / West boundary line location C | FS                                                                                                                                                                                                                                                                                                                                                                                                      | WSS013                    | EF3                             | 09:23           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 10:23           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| 4                                         | DT000214 / West boundary line location D | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB35                      | EF4                             | 09:25           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 1.0                                     | 0.0003                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 10:25           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                           |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>                    |                           | RF11PVK    |                         |                                         |                         |        |       |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of Sampling:</b>  |                                 | 25/03/2022      |                                                   | <b>Analysed by (if different):</b> |                           | N/A        |                         | <b>Date of Analysis (if different):</b> |                         | N/A    |       |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b>         |            | <b>Field Blank</b>      |                                         |                         |        |       |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                           | RM                              |                 | NS                                                |                                    | FS                        |            | FB                      |                                         |                         |        |       |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20     |                               | <b>Stage Micrometer:</b>        | WSM19              | <b>NPL Test Slide No:</b>                         | NPL11                              |            |                         |                           |                                         |        |       |  |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|---------------------------------|--------------------|---------------------------------------------------|------------------------------------|------------|-------------------------|---------------------------|-----------------------------------------|--------|-------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C               |                               | <b>Pressure (mb):</b>           | 1031mb             | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |            |                         |                           |                                         |        |       |  |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41               |                               | <b>Exposed filter diameter:</b> | 22.5 mm            | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |            |                         |                           |                                         |        |       |  |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area |                               |                                 |                    |                                                   |                                    |            |                         |                           |                                         |        |       |  |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No            | Filter Head No                | Sampling Period                 | Flow Rate          | Volume (litres) (V)                               | No of Graticule areas (n)          | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml | Limit of Quantification                 |        |       |  |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                               | Start End                       | Total (Mins)       | Start End                                         | Used (L/min)                       |            |                         |                           |                                         |        |       |  |
| 5                                         | DT000215 / West boundary line location A | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB37               | EF1                           | 11:27                           | 60                 | 16.0                                              | 16.0                               | 960        | 200                     | 0.5                       | 0.0001                                  | <0.005 | 0.005 |  |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                               | 12:27                           |                    | 16.0                                              |                                    |            |                         |                           |                                         |        |       |  |
| 6                                         | DT000216 / West boundary line location B | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB34               | EF2                           | 11:28                           | 60                 | 16.0                                              | 16.0                               | 960        | 200                     | 1.5                       | 0.0004                                  | <0.005 | 0.005 |  |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                               | 12:28                           |                    | 16.0                                              |                                    |            |                         |                           |                                         |        |       |  |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                    |                               |                                 |                    |                                                   |                                    |            |                         |                           |                                         |        |       |  |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     |                    | <b>Analysis location:</b>     |                                 | Mobile Lab         |                                                   | <b>Van reg:</b>                    |            | RF11PVK                 |                           |                                         |        |       |  |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             |                    | <b>Date of Sampling:</b>      |                                 | 25/03/2022         |                                                   | <b>Analysed by (if different):</b> |            | N/A                     |                           | <b>Date of Analysis (if different):</b> |        | N/A   |  |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                    | <b>Reassurance Monitoring</b> |                                 | <b>Near Source</b> |                                                   | <b>Far Source</b>                  |            | <b>Field Blank</b>      |                           |                                         |        |       |  |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                    | RM                            |                                 | NS                 |                                                   | FS                                 |            | FB                      |                           |                                         |        |       |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20            | <b>Stage Micrometer:</b>        | WSM19           | <b>NPL Test Slide No:</b>                         | NPL11                              |                           |            |                         |                                         |                         |        |       |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|---------------------------|------------|-------------------------|-----------------------------------------|-------------------------|--------|-------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C                      | <b>Pressure (mb):</b>           | 1031mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                           |            |                         |                                         |                         |        |       |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |                           |            |                         |                                         |                         |        |       |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area        |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V)                | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml               | Limit of Quantification |        |       |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | Start End       | Total (Mins)                                      | Start End                          | Used (L/min)              |            |                         |                                         |                         |        |       |
| 7                                         | DT000217 / West boundary line location C | FS                                                                                                                                                                                                                                                                                                                                                                                                      | A5                        | EF3                             | 11:29           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 12:29           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| 8                                         | DT000218 / West boundary line location D | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB35                      | EF4                             | 11:30           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 12:30           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                           |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>                    |                           | RF11PVK    |                         |                                         |                         |        |       |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of Sampling:</b>  |                                 | 25/03/2022      |                                                   | <b>Analysed by (if different):</b> |                           | N/A        |                         | <b>Date of Analysis (if different):</b> |                         | N/A    |       |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b>         |            | <b>Field Blank</b>      |                                         |                         |        |       |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                           | RM                              |                 | NS                                                |                                    | FS                        |            | FB                      |                                         |                         |        |       |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20            | <b>Stage Micrometer:</b>        | WSM19           | <b>NPL Test Slide No:</b>                         | NPL11                              |                           |            |                         |                                         |                         |        |       |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|---------------------------|------------|-------------------------|-----------------------------------------|-------------------------|--------|-------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C                      | <b>Pressure (mb):</b>           | 1031mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                           |            |                         |                                         |                         |        |       |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |                           |            |                         |                                         |                         |        |       |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area        |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V)                | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml               | Limit of Quantification |        |       |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | Start End       | Total (Mins)                                      | Start End                          | Used (L/min)              |            |                         |                                         |                         |        |       |
| 9                                         | DT000219 / West boundary line location A | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB37                      | EF1                             | 12:35           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 1.5                                     | 0.0004                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 13:35           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| 10                                        | DT000220 / West boundary line location B | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB34                      | EF2                             | 12:36           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 13:36           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                           |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>                    |                           | RF11PVK    |                         |                                         |                         |        |       |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of Sampling:</b>  |                                 | 25/03/2022      |                                                   | <b>Analysed by (if different):</b> |                           | N/A        |                         | <b>Date of Analysis (if different):</b> |                         | N/A    |       |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b>         |            | <b>Field Blank</b>      |                                         |                         |        |       |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                           | RM                              |                 | NS                                                |                                    | FS                        |            | FB                      |                                         |                         |        |       |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15                                 | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                                                                                                                                                                                      | BTC 20 / BTC20            | <b>Stage Micrometer:</b>        | WSM19           | <b>NPL Test Slide No:</b>                         | NPL11                              |                           |            |                         |                                         |                         |        |       |
|-------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|---------------------------|------------|-------------------------|-----------------------------------------|-------------------------|--------|-------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                                                                                                                                                                                                                                                | 13°C                      | <b>Pressure (mb):</b>           | 1031mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                           |            |                         |                                         |                         |        |       |
| <b>High Flow meter No:</b>                | FM 46                                    | <b>Low flow meter No:</b>                                                                                                                                                                                                                                                                                                                                                                               | FM41                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01.03.22 EF                        |                           |            |                         |                                         |                         |        |       |
| <b>Tally Counter:</b>                     | TC10                                     | <b>Area:</b>                                                                                                                                                                                                                                                                                                                                                                                            | East boundary area        |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                                                                                                                                                                                                                                             | Pump No                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V)                | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml               | Limit of Quantification |        |       |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | Start End       | Total (Mins)                                      | Start End                          | Used (L/min)              |            |                         |                                         |                         |        |       |
| 11                                        | DT000221 / West boundary line location C | FS                                                                                                                                                                                                                                                                                                                                                                                                      | WSS013                    | EF3                             | 12:37           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 0.5                                     | 0.0001                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 13:37           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| 12                                        | DT000222 / West boundary line location D | FS                                                                                                                                                                                                                                                                                                                                                                                                      | AB35                      | EF4                             | 12:38           | 60                                                | 16.0                               | 16.0                      | 960        | 200                     | 1.0                                     | 0.0003                  | <0.005 | 0.005 |
|                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                 | 13:38           |                                                   | 16.0                               |                           |            |                         |                                         |                         |        |       |
| <b>Comments:</b>                          |                                          | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                           |                                 |                 |                                                   |                                    |                           |            |                         |                                         |                         |        |       |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Analysis location:</b> |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>                    |                           | RF11PVK    |                         |                                         |                         |        |       |
| <b>Sampled by:</b>                        |                                          | Emma French                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date of Sampling:</b>  |                                 | 25/03/2022      |                                                   | <b>Analysed by (if different):</b> |                           | N/A        |                         | <b>Date of Analysis (if different):</b> |                         | N/A    |       |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b>         |            | <b>Field Blank</b>      |                                         |                         |        |       |
| BM                                        |                                          | LM                                                                                                                                                                                                                                                                                                                                                                                                      |                           | RM                              |                 | NS                                                |                                    | FS                        |            | FB                      |                                         |                         |        |       |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 15               | <b>Thermometer / Barometer No:</b> | BTC 20 / BTC20     | <b>Stage Micrometer:</b>        | WSM19                                                                                                                                                                                                                                                                                                                                                                                                   | <b>NPL Test Slide No:</b>                         | NPL11       |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|------------------------|------------------------------------|--------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                  | <b>Temperature (°C):</b>           | 13°C               | <b>Pressure (mb):</b>           | 1031mb                                                                                                                                                                                                                                                                                                                                                                                                  | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 46                  | <b>Low flow meter No:</b>          | FM41               | <b>Exposed filter diameter:</b> | 22.5 mm                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Slides stored in slide box no:</b>             | 01.03.22 EF |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC10                   | <b>Area:</b>                       | East boundary area |                                 |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location  | Sample Type                        | Pump No            | Filter Head No                  | Sampling Period                                                                                                                                                                                                                                                                                                                                                                                         |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                        |                                    |                    |                                 | Start End                                                                                                                                                                                                                                                                                                                                                                                               | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 13                                        | DT000223 / Field Blank | FB                                 | N/A                | EF0                             | N/A                                                                                                                                                                                                                                                                                                                                                                                                     | 0                                                 | N/A         | 0.0                                | 0                   | N/A                       | N/A        | Field Blank                             |                           |                         |  |
| <b>Comments:</b>                          |                        |                                    |                    |                                 | Far source site air monitoring was undertaken to ascertain fibre concentrations during the remediation of soil. Operatives are currently working on ground level during sampling. Dust disturbance was taken by natural movement of air. All samples taken 1-2m from the ground. All fibres counted are >5microns long, <3 microns wide and a length to width aspect ratio of 3:1. Results satisfactory |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                        | N/A                                |                    | <b>Analysis location:</b>       |                                                                                                                                                                                                                                                                                                                                                                                                         | Mobile Lab                                        |             | <b>Van reg:</b>                    |                     | RF11PVK                   |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                        | Emma French                        |                    | <b>Date of Sampling:</b>        |                                                                                                                                                                                                                                                                                                                                                                                                         | 25/03/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| Background Monitoring                     |                        | Leak Monitoring                    |                    | Reassurance Monitoring          |                                                                                                                                                                                                                                                                                                                                                                                                         | Near Source                                       |             | Far Source                         |                     | Field Blank               |            |                                         |                           |                         |  |
| BM                                        |                        | LM                                 |                    | RM                              |                                                                                                                                                                                                                                                                                                                                                                                                         | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Appendix 1 – Site Plan



Analytical monitoring in association with the remediation to contaminated soil.  
 Soil is damp so no need to use suppression techniques.  
 Size and quantities of ACM debris collected unknown but seem to consist mainly of small pieces. Exterior respirator zone in place with fencing and appropriate signage around. This area does lead to public spaces. Found ACM'S bagged and disposed of as per regulations.



|                       |                      |                       |                                                                                       |
|-----------------------|----------------------|-----------------------|---------------------------------------------------------------------------------------|
| Analyst Name:         | Emma French          | Analyst Signature:    |  |
| Date:<br>Time:        | 25 Mar 2022<br>14:15 |                       |                                                                                       |
| Site Supervisor Name: | J Mcculloch          | Supervisor Signature: |  |
| Date:<br>Time:        | 25 Mar 2022<br>14:15 |                       |                                                                                       |

## Appendix 2 – Photographs



West boundary line location A AB37  
25.03.22 11.27



West boundary line location C A5  
25.03.22 11.29



West boundary line location B AB34  
25.03.22 11.28



West boundary line location D AB35  
25.03.22 11.30



West boundary line location A AB37  
25.03.22 12.35



West boundary line location C WSS013  
25.03.22 12.37



West boundary line location B AB34  
25.03.22 12.36



West boundary line location D AB35  
25.03.22 12.38



West boundary line location A AB37  
25.03.22 09.20



West boundary line location B AB34  
25.03.22 09.21



West boundary line location C WSS013  
25.03.22 09.23



West boundary line location D AB35  
25.03.22 09.25

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.

# Air Monitoring Report



28 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD



## ENVIROCHEM ANALYTICAL LABORATORIES LTD

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

### Company Details

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                                                                                                                                   |                           |             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                                                                                                           |                           |             |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                                                                                                      |                           |             |
| <b>Client Order Number:</b>                          | RF532121                                                                                                                                                                                                                          |                           |             |
| <b>Work Type:</b>                                    | Far source                                                                                                                                                                                                                        | <b>Date of works:</b>     | 28 Mar 2022 |
| <b>Area(s) to be assessed:</b>                       | Site perimeter fence lines,<br>roadside and electric pylons.                                                                                                                                                                      | <b>Size of Area:</b>      | N/A / N/A   |
| <b>Asbestos contractor representative:</b>           | Kelvin Carlin                                                                                                                                                                                                                     | <b>Report issue date:</b> | 28 Mar 2022 |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                                                                                                     |                           |             |
| <b>Brief description of works:</b>                   | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Campbell Road, Eastleigh, SO50 5AD on 28th March 2022. |                           |             |

Analyst: Billy Clark

Signature:

Technically reviewed by:  
(authorised signatory) Billy Clark

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                                     | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10               |                                    |            |                         |                           |                                         |        |            |  |
|-------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|---------------------|------------------------------------|------------|-------------------------|---------------------------|-----------------------------------------|--------|------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                        | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                 |                                    |            |                         |                           |                                         |        |            |  |
| <b>High Flow meter No:</b>                | FM 15                                        | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC          |                                    |            |                         |                           |                                         |        |            |  |
| <b>Tally Counter:</b>                     | TC3                                          | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |                     |                                    |            |                         |                           |                                         |        |            |  |
| Sample No                                 | Sample Ref / Location                        | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V) | No of Graticule areas (n)          | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml | Limit of Quantification                 |        |            |  |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | Start End       | Total (Mins)                                      | Start End           | Used (L/min)                       |            |                         |                           |                                         |        |            |  |
| 1                                         | DX000180 / Site Eastern boundary fence line  | FS                                                                                                                                                                                                                                    | WSS008                                                    | BL1                             | 09:13           | 60                                                | 16.0                | 16.0                               | 960        | 200                     | 1.0                       | 0.0002                                  | <0.010 | 0.010      |  |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | 10:13           |                                                   | 16.0                |                                    |            |                         |                           |                                         |        |            |  |
| 2                                         | DX000181 / Eastern fence line electric pylon | FS                                                                                                                                                                                                                                    | WSS012                                                    | BL2                             | 09:14           | 60                                                | 16.0                | 16.0                               | 960        | 200                     | 1.0                       | 0.0002                                  | <0.010 | 0.010      |  |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | 10:14           |                                                   | 16.0                |                                    |            |                         |                           |                                         |        |            |  |
| <b>Comments:</b>                          |                                              | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |                     |                                    |            |                         |                           |                                         |        |            |  |
| <b>Flowmeter Correction Factor:</b>       |                                              | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   |                     | <b>Van reg:</b>                    |            | HY14 DFC                |                           |                                         |        |            |  |
| <b>Sampled by:</b>                        |                                              | Billy Clark                                                                                                                                                                                                                           |                                                           | <b>Date of Sampling:</b>        |                 | 28/03/2022                                        |                     | <b>Analysed by (if different):</b> |            | N/A                     |                           | <b>Date of Analysis (if different):</b> |        | 28/03/2022 |  |
| Background Monitoring                     |                                              | Leak Monitoring                                                                                                                                                                                                                       |                                                           | Reassurance Monitoring          |                 | Near Source                                       |                     | Far Source                         |            | Field Blank             |                           |                                         |        |            |  |
| BM                                        |                                              | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |                     | FS                                 |            | FB                      |                           |                                         |        |            |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                                      | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                         | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                         | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                           | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                         | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                               |                                                                                                                                                                                                                                       |                                                           |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 3                                         | DX000182 / Southern fence line                | FS                                                                                                                                                                                                                                    | ENV44                                                     | BL3                             | 09:16           | 60                                                | 16.0       | 16.0                               | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                               |                                                                                                                                                                                                                                       |                                                           |                                 | 10:16           |                                                   | 16.0       |                                    |                     |                           |            |                                         |                           |                         |  |
| 4                                         | DX000183 / Southern fence line electric pylon | FS                                                                                                                                                                                                                                    | P04                                                       | BL4                             | 09:17           | 60                                                | 16.0       | 16.0                               | 960                 | 200                       | 2.0        | 0.0005                                  | <0.010                    | 0.010                   |  |
|                                           |                                               |                                                                                                                                                                                                                                       |                                                           |                                 | 10:17           |                                                   | 16.0       |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                               | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                               | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                               | Billy Clark                                                                                                                                                                                                                           |                                                           | <b>Date of Sampling:</b>        |                 | 28/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 28/03/2022              |  |
| <b>Background Monitoring</b>              |                                               | <b>Leak Monitoring</b>                                                                                                                                                                                                                |                                                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                               | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                                     | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10                              |                   |                     |                           |                                         |                         |                           |                         |
|-------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------------------------------|-------------------|---------------------|---------------------------|-----------------------------------------|-------------------------|---------------------------|-------------------------|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                        | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                                |                   |                     |                           |                                         |                         |                           |                         |
| <b>High Flow meter No:</b>                | FM 15                                        | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC                         |                   |                     |                           |                                         |                         |                           |                         |
| <b>Tally Counter:</b>                     | TC3                                          | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |                                    |                   |                     |                           |                                         |                         |                           |                         |
| Sample No                                 | Sample Ref / Location                        | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate                          |                   | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N)                              | Concentration Fibres/ml | Reported Result fibres/ml | Limit of Quantification |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | Start           | Total                                             | Start                              | Used              |                     |                           |                                         |                         |                           |                         |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | End             | (Mins)                                            | End                                | (L/min)           |                     |                           |                                         |                         |                           |                         |
| 5                                         | DX000184 / Site Western boundary fence line  | FS                                                                                                                                                                                                                                    | AB31                                                      | BL5                             | 09:19           | 60                                                | 16.0                               | 16.0              | 960                 | 200                       | 0.5                                     | 0.0001                  | <0.010                    | 0.010                   |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | 10:19           |                                                   | 16.0                               |                   |                     |                           |                                         |                         |                           |                         |
| 6                                         | DX000185 / Western fence line electric pylon | FS                                                                                                                                                                                                                                    | AB45                                                      | BL6                             | 09:20           | 60                                                | 16.0                               | 16.0              | 960                 | 200                       | 1.0                                     | 0.0002                  | <0.010                    | 0.010                   |
|                                           |                                              |                                                                                                                                                                                                                                       |                                                           |                                 | 10:20           |                                                   | 16.0                               |                   |                     |                           |                                         |                         |                           |                         |
| <b>Comments:</b>                          |                                              | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |                                    |                   |                     |                           |                                         |                         |                           |                         |
| <b>Flowmeter Correction Factor:</b>       |                                              | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   |                                    | <b>Van reg:</b>   |                     | HY14 DFC                  |                                         |                         |                           |                         |
| <b>Sampled by:</b>                        |                                              | Billy Clark                                                                                                                                                                                                                           | <b>Date of Sampling:</b>                                  |                                 | 28/03/2022      |                                                   | <b>Analysed by (if different):</b> |                   | N/A                 |                           | <b>Date of Analysis (if different):</b> |                         | 28/03/2022                |                         |
| <b>Background Monitoring</b>              |                                              | <b>Leak Monitoring</b>                                                                                                                                                                                                                |                                                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |                                    | <b>Far Source</b> |                     | <b>Field Blank</b>        |                                         |                         |                           |                         |
| BM                                        |                                              | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |                                    | FS                |                     | FB                        |                                         |                         |                           |                         |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                                   | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10               |                                    |            |                         |                           |                                         |        |            |  |
|-------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|---------------------|------------------------------------|------------|-------------------------|---------------------------|-----------------------------------------|--------|------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                      | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                 |                                    |            |                         |                           |                                         |        |            |  |
| <b>High Flow meter No:</b>                | FM 15                                      | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC          |                                    |            |                         |                           |                                         |        |            |  |
| <b>Tally Counter:</b>                     | TC3                                        | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |                     |                                    |            |                         |                           |                                         |        |            |  |
| Sample No                                 | Sample Ref / Location                      | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period | Flow Rate                                         | Volume (litres) (V) | No of Graticule areas (n)          | Fibres (N) | Concentration Fibres/ml | Reported Result fibres/ml | Limit of Quantification                 |        |            |  |
| 7                                         | DX000186 / Site Eastern Boundary roadside  | FS                                                                                                                                                                                                                                    | WSS008                                                    | BL1                             | 12:46           | 60                                                | 16.0                | 16.0                               | 960        | 200                     | 1.0                       | 0.0002                                  | <0.010 | 0.010      |  |
|                                           |                                            |                                                                                                                                                                                                                                       |                                                           |                                 | 13:46           |                                                   | 16.0                |                                    |            |                         |                           |                                         |        |            |  |
| 8                                         | DX000187 / Eastern roadside electric pylon | FS                                                                                                                                                                                                                                    | WSS012                                                    | BL2                             | 12:47           | 60                                                | 16.0                | 16.0                               | 960        | 200                     | 1.5                       | 0.0003                                  | <0.010 | 0.010      |  |
|                                           |                                            |                                                                                                                                                                                                                                       |                                                           |                                 | 13:47           |                                                   | 16.0                |                                    |            |                         |                           |                                         |        |            |  |
| <b>Comments:</b>                          |                                            | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |                     |                                    |            |                         |                           |                                         |        |            |  |
| <b>Flowmeter Correction Factor:</b>       |                                            | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   | <b>Van reg:</b>     |                                    | HY14 DFC   |                         |                           |                                         |        |            |  |
| <b>Sampled by:</b>                        |                                            | Billy Clark                                                                                                                                                                                                                           |                                                           | <b>Date of Sampling:</b>        |                 | 28/03/2022                                        |                     | <b>Analysed by (if different):</b> |            | N/A                     |                           | <b>Date of Analysis (if different):</b> |        | 28/03/2022 |  |
| Background Monitoring                     |                                            | Leak Monitoring                                                                                                                                                                                                                       |                                                           | Reassurance Monitoring          |                 | Near Source                                       |                     | Far Source                         |            | Field Blank             |                           |                                         |        |            |  |
| BM                                        |                                            | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |                     | FS                                 |            | FB                      |                           |                                         |        |            |  |

# Air monitoring certificate



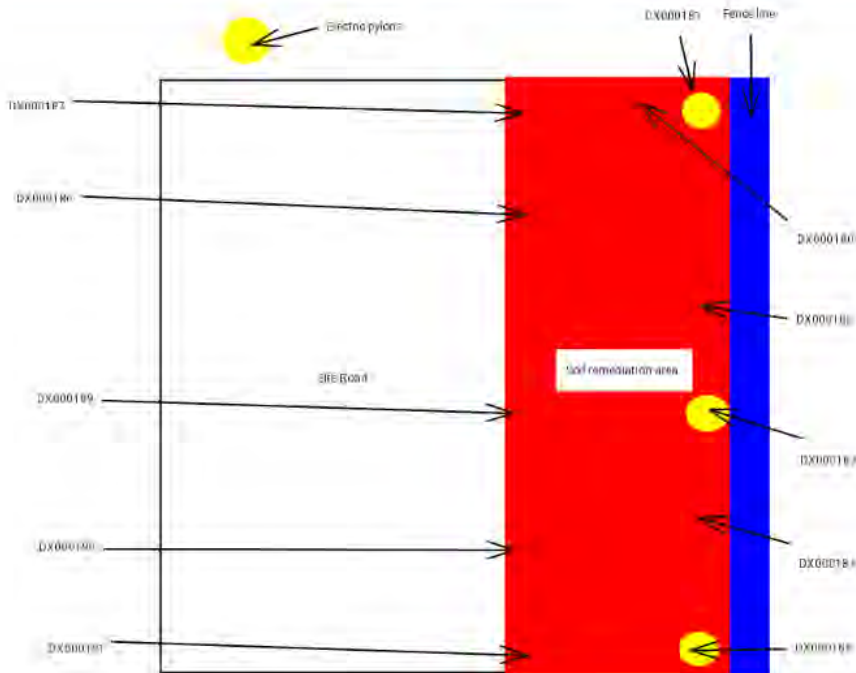
| <b>Microscope No:</b>                     | Meiji 11                                    | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                       | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                       | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                         | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                       | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                             |                                                                                                                                                                                                                                       |                                                           |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 10                                        | DX000189 / Southern roadside electric pylon | FS                                                                                                                                                                                                                                    | P04                                                       | BL4                             | 12:49           | 60                                                | 16.0       | 16.0                               | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                             |                                                                                                                                                                                                                                       |                                                           |                                 | 13:49           |                                                   | 16.0       |                                    |                     |                           |            |                                         |                           |                         |  |
| 11                                        | DX000190 / Site Western Boundary roadside   | FS                                                                                                                                                                                                                                    | AB31                                                      | BL5                             | 12:50           | 60                                                | 16.0       | 16.0                               | 960                 | 200                       | 0.5        | 0.0001                                  | <0.010                    | 0.010                   |  |
|                                           |                                             |                                                                                                                                                                                                                                       |                                                           |                                 | 13:50           |                                                   | 16.0       |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                             | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                             | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                             | Billy Clark                                                                                                                                                                                                                           | <b>Date of Sampling:</b>                                  |                                 | 28/03/2022      |                                                   |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 28/03/2022              |  |
| Background Monitoring                     |                                             | Leak Monitoring                                                                                                                                                                                                                       |                                                           | Reassurance Monitoring          |                 | Near Source                                       |            | Far Source                         |                     | Field Blank               |            |                                         |                           |                         |  |
| BM                                        |                                             | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                                   | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                    | BTC 23 / BTC23                                            | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                      | <b>Temperature (°C):</b>                                                                                                                                                                                                              | 9.0°C                                                     | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                      | <b>Low flow meter No:</b>                                                                                                                                                                                                             | FM 8                                                      | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                        | <b>Area:</b>                                                                                                                                                                                                                          | Site perimeter fence lines, roadside and electric pylons. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                      | Sample Type                                                                                                                                                                                                                           | Pump No                                                   | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                            |                                                                                                                                                                                                                                       |                                                           |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 12                                        | DX000191 / Western roadside electric pylon | FS                                                                                                                                                                                                                                    | AB45                                                      | BL6                             | 12:53           | 60                                                | 16.0       | 16.0                               | 960                 | 200                       | 0.5        | 0.0001                                  | <0.010                    | 0.010                   |  |
|                                           |                                            |                                                                                                                                                                                                                                       |                                                           |                                 | 13:53           |                                                   | 16.0       |                                    |                     |                           |            |                                         |                           |                         |  |
| 13                                        | DX000192 / Field Blank                     | FB                                                                                                                                                                                                                                    | N/A                                                       | BL7                             | N/A             | 0                                                 | N/A        | 0.0                                | 0                   | N/A                       | N/A        | Field Blank                             |                           |                         |  |
|                                           |                                            |                                                                                                                                                                                                                                       |                                                           |                                 | N/A             |                                                   | N/A        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                            | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard. No visual inspection was undertaken. Results satisfactory. |                                                           |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                            | N/A                                                                                                                                                                                                                                   | <b>Analysis location:</b>                                 |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                            | Billy Clark                                                                                                                                                                                                                           |                                                           | <b>Date of Sampling:</b>        |                 | 28/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 28/03/2022              |  |
| <b>Background Monitoring</b>              |                                            | <b>Leak Monitoring</b>                                                                                                                                                                                                                |                                                           | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                            | LM                                                                                                                                                                                                                                    |                                                           | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Appendix 1 – Site Plan



|                       |                      |                       |                                                                                       |
|-----------------------|----------------------|-----------------------|---------------------------------------------------------------------------------------|
| Analyst Name:         | Billy Clark          | Analyst Signature:    |  |
| Date:<br>Time:        | 28 Mar 2022<br>14:53 |                       |                                                                                       |
| Site Supervisor Name: | Kelvin Carlin        | Supervisor Signature: |  |
| Date:<br>Time:        | 28 Mar 2022<br>14:58 |                       |                                                                                       |

## Appendix 2 – Photographs



|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| Site Western boundary 09:53 28/03/22                                              | Site Southern Boundary 09:54 28/03/22                                              | Site area between Eastern and Southern boundary. 11:43 28/03/22                     | Site area from Southern boundary 14:08 28/03/22                                     |
|  |  |  | No photographic evidence available.                                                 |
| Site area after section of works completed 14:09 28/03/22                         | Western Electric pylon 14:10 28/03/22                                              | Site Eastern boundary 14:11 28/03/22                                                |                                                                                     |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.



# Personal Monitoring Report



28 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD

**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                                 |                                                                                                                                                                                                                                                  |                           |             |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                               | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                                                                                                                          |                           |             |
| <b>Site address:</b>                                            | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                                                                                                                     |                           |             |
| <b>Client Order Number:</b>                                     | RF532121                                                                                                                                                                                                                                         |                           |             |
| <b>Work Type:</b>                                               | Personal                                                                                                                                                                                                                                         | <b>Date of works:</b>     | 28 Mar 2022 |
| <b>Area(s) to be assessed:</b>                                  | Site area                                                                                                                                                                                                                                        |                           |             |
| <b>Asbestos contractor representative:</b>                      | Kelvin Carlin                                                                                                                                                                                                                                    | <b>Report issue date:</b> | 28 Mar 2022 |
| <b>Asbestos removal contractor name and address:</b>            | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                                                                                                                    |                           |             |
| <b>Brief description of works, including dates carried out:</b> | Personal monitoring of Kelvin Carlin was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Campbell Road, Eastleigh, SO50 5AD on 28th March 2022. |                           |             |

Analyst: Billy Clark

Signature:

Technically reviewed by: Billy Clark  
(authorised signatory)

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11              | <b>Thermometer / Barometer No:</b>                                                                                                                     | BTC 23 / BTC23 | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                 | <b>Temperature (°C):</b>                                                                                                                               | 9.0°C          | <b>Pressure (mb):</b>           | 1024mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                 | <b>Low flow meter No:</b>                                                                                                                              | FM 8           | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                   | <b>Area:</b>                                                                                                                                           | Site area      |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location | Sample Type                                                                                                                                            | Pump No        | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                       |                                                                                                                                                        |                |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DX000193 / Site area  | PM                                                                                                                                                     | AP10           | BL6                             | 11:00           | 60                                                | 2.0        | 2.0                                | 120                 | 100                       | 0.5        | 0.0021                                  | 0.002                     | 0.080                   |  |
|                                           |                       |                                                                                                                                                        |                |                                 | 12:00           |                                                   | 2.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                       | Personal monitoring of Kelvin Carlin was undertaken to establish the airborne fibre concentration during soil remediation works at Arlington Railyard. |                |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                       | N/A                                                                                                                                                    |                | <b>Analysis location:</b>       |                 | Mobile Lab                                        |            |                                    | <b>Van reg:</b>     |                           | HY14 DFC   |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                       | Billy Clark                                                                                                                                            |                | <b>Date of Sampling:</b>        |                 | 28/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 28/03/2022              |  |
| Background Monitoring                     |                       | Leak Monitoring                                                                                                                                        |                | Clearance Monitoring            |                 | Reassurance Monitoring                            |            | Personal Monitoring                |                     | Field Blank               |            |                                         |                           |                         |  |
| BM                                        |                       | LM                                                                                                                                                     |                | CM                              |                 | RM                                                |            | PM                                 |                     | FB                        |            |                                         |                           |                         |  |

# Observation Form



|                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----|----------------------------------------------|-----|
| <b>Brief description of works:</b>                                                                                                                                                                                         | Personal monitoring of Kelvin Carlin was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Campbell Road, Eastleigh, SO50 5AD on 28th March 2022. |                                           |     |                                              |     |
| <b>Purpose of monitoring:</b>                                                                                                                                                                                              |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Checking effectiveness of methods</b>                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                              | <b>Data for personal exposure records</b> | Yes | <b>Confirming appropriate RPE being worn</b> | Yes |
| <b>General control measures in use:</b>                                                                                                                                                                                    |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Enclosure (under negative pressure)</b>                                                                                                                                                                                 | No                                                                                                                                                                                                                                               | <b>Partial enclosure</b>                  | No  | <b>Injection</b>                             | No  |
| <b>Gel/Foam</b>                                                                                                                                                                                                            | No                                                                                                                                                                                                                                               | <b>Shadow vacuum</b>                      | No  | <b>Spraying</b>                              | Yes |
| <b>Other (please specify)</b>                                                                                                                                                                                              | Respirator zone                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Sampling Details:</b>                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Operative's name / job title:</b>                                                                                                                                                                                       | Kelvin Carlin, Operative                                                                                                                                                                                                                         |                                           |     |                                              |     |
| <b>Type of RPE worn:</b>                                                                                                                                                                                                   | Type 5/6 overalls, Half mask with P3 filter                                                                                                                                                                                                      |                                           |     |                                              |     |
| <b>Length of time operative is / has been exposed:</b>                                                                                                                                                                     | 60 minute(s)                                                                                                                                                                                                                                     |                                           |     |                                              |     |
| <b>Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:</b>                                            |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| Soil remediation works was undertaken to remove various asbestos containing materials in the soil after it was sprayed down. The operative was performing a watching brief and picking out associated debris during works. |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>General Description of activities being undertaking during sampling:</b>                                                                                                                                                |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| Watching brief during soil remediation works and picking out associated debris and bagging up waste                                                                                                                        |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Is the asbestos in good or bad condition (as per the method statements description):</b>                                                                                                                                |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| Poor                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| <b>Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):</b>                                                                                                           |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |
| Works took place externally in a respirator zone                                                                                                                                                                           |                                                                                                                                                                                                                                                  |                                           |     |                                              |     |

$$\text{Time weighted average (4 Hour TWA)} = \frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$$

TWA = N/A f/ml

Where F = concentration f/ml,

T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5

## Photographs



|                                                                                  |                                                                                   |                                                                                    |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Operative wearing pump 11:01<br>28/03/22                                         | Operative working 11:10<br>28/03/22                                               | Work area from edge of<br>respirator zone 11:00 28/03/22                           |  |

## Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.
11. The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to assess the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.

# Air Monitoring Report



30 Mar 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD



**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                                                                                                                                   |                           |             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                                                                                                                           |                           |             |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                                                                                                                                      |                           |             |
| <b>Client Order Number:</b>                          | RF532121                                                                                                                                                                                                                          |                           |             |
| <b>Work Type:</b>                                    | Far source                                                                                                                                                                                                                        | <b>Date of works:</b>     | 30 Mar 2022 |
| <b>Area(s) to be assessed:</b>                       | Site perimeter fence line and roadside.                                                                                                                                                                                           | <b>Size of Area:</b>      | N/A / N/A   |
| <b>Asbestos contractor representative:</b>           | Sam Robertson                                                                                                                                                                                                                     | <b>Report issue date:</b> | 30 Mar 2022 |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                                                                                                                                     |                           |             |
| <b>Brief description of works:</b>                   | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Campbell Road, Eastleigh, SO50 5AD on 30th March 2022. |                           |             |

Analyst: Billy Clark

Signature:

Technically reviewed by:  
(authorised signatory) Billy Clark

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                         | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                            | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                            | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                              | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location            | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                  |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DX000202 / Roadside signal box 1 | FS                                                                                                                                                                                                                                               | AB31                                    | BL1                             | 09:02           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.010                    | 0.010                   |  |
|                                           |                                  |                                                                                                                                                                                                                                                  |                                         |                                 | 11:02           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 2                                         | DX000203 / Roadside Stock Pile 1 | FS                                                                                                                                                                                                                                               | AB45                                    | BL2                             | 09:03           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                  |                                                                                                                                                                                                                                                  |                                         |                                 | 11:03           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                  | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                  | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                  | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| <b>Background Monitoring</b>              |                                  | <b>Leak Monitoring</b>                                                                                                                                                                                                                           |                                         | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                  | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                             | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                  | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 3                                         | DX000204 / Roadside Electrical Pylon | FS                                                                                                                                                                                                                                               | ENV44                                   | BL3                             | 09:04           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 11:04           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 4                                         | DX000205 / Roadside stockpile 2      | FS                                                                                                                                                                                                                                               | WSS008                                  | BL4                             | 09:05           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 11:05           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                      | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                      | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                      | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| Background Monitoring                     |                                      | Leak Monitoring                                                                                                                                                                                                                                  |                                         | Reassurance Monitoring          |                 | Near Source                                       |            | Far Source                         |                     | Field Blank               |            |                                         |                           |                         |  |
| BM                                        |                                      | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                          | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                             | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                             | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                               | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location             | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                   |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 5                                         | DX000206 / Fence line signal box  | FS                                                                                                                                                                                                                                               | AB31                                    | BL1                             | 11:11           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.010                    | 0.010                   |  |
|                                           |                                   |                                                                                                                                                                                                                                                  |                                         |                                 | 13:11           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 6                                         | DX000207 / Fence line stockpile 1 | FS                                                                                                                                                                                                                                               | AB45                                    | BL2                             | 11:12           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 2.0        | 0.0005                                  | <0.010                    | 0.010                   |  |
|                                           |                                   |                                                                                                                                                                                                                                                  |                                         |                                 | 13:12           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                   | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                   | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                   | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| <b>Background Monitoring</b>              |                                   | <b>Leak Monitoring</b>                                                                                                                                                                                                                           |                                         | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                   | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                             | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                  | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 7                                         | DX000208 / Fence line electric pylon | FS                                                                                                                                                                                                                                               | ENV44                                   | BL3                             | 11:13           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 13:13           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 8                                         | DX000209 / Fence line stockpile 2    | FS                                                                                                                                                                                                                                               | WSS008                                  | BL4                             | 11:14           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 13:14           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                      | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                      | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                      | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| <b>Background Monitoring</b>              |                                      | <b>Leak Monitoring</b>                                                                                                                                                                                                                           |                                         | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                      | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11                             | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                  | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 9                                         | DX000210 / Area of works signal box  | FS                                                                                                                                                                                                                                               | AB31                                    | BL1                             | 13:25           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 15:25           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 10                                        | DX000211 / Area of works stockpile 1 | FS                                                                                                                                                                                                                                               | AB45                                    | BL2                             | 13:26           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.0        | 0.0002                                  | <0.010                    | 0.010                   |  |
|                                           |                                      |                                                                                                                                                                                                                                                  |                                         |                                 | 15:26           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                      | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                      | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                      | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| <b>Background Monitoring</b>              |                                      | <b>Leak Monitoring</b>                                                                                                                                                                                                                           |                                         | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                      | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



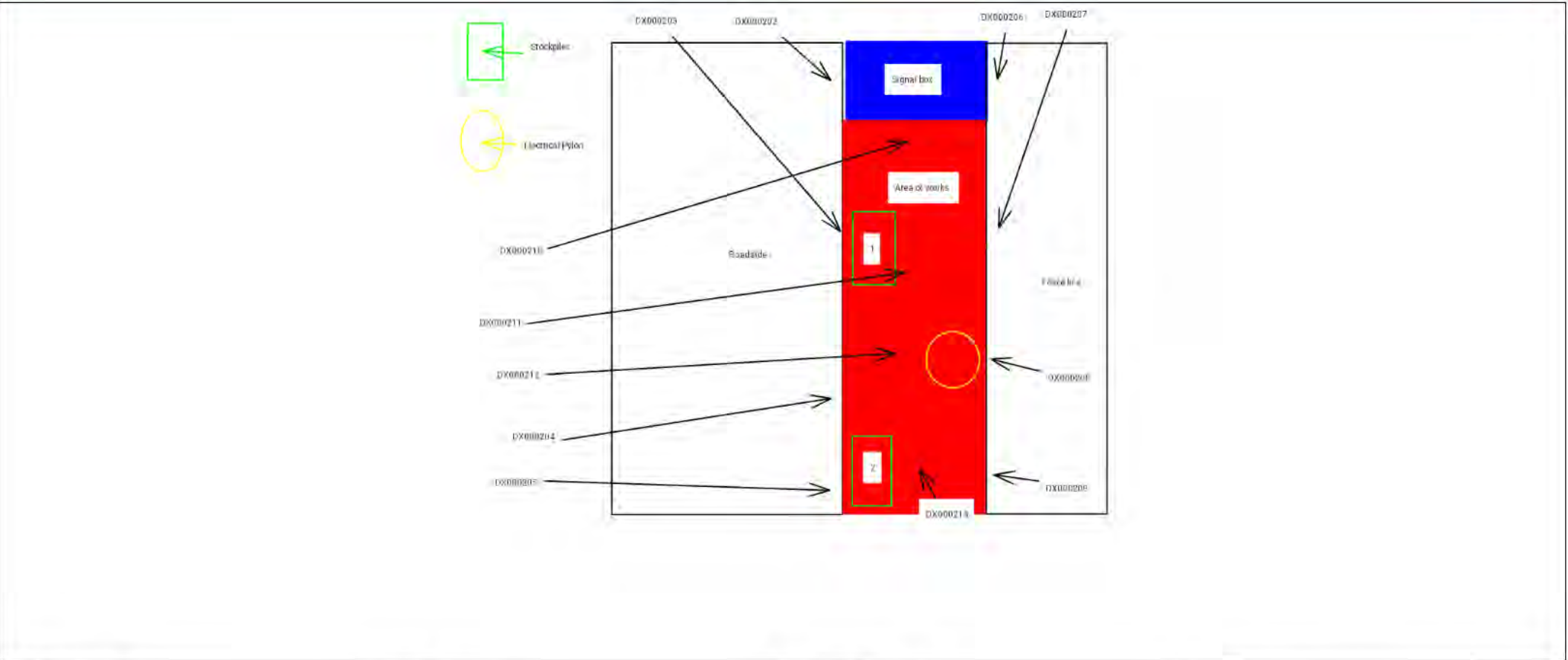
| <b>Microscope No:</b>                     | Meiji 11                                  | <b>Thermometer / Barometer No:</b>                                                                                                                                                                                                               | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3            | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|-----------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                     | <b>Temperature (°C):</b>                                                                                                                                                                                                                         | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                                     | <b>Low flow meter No:</b>                                                                                                                                                                                                                        | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                                       | <b>Area:</b>                                                                                                                                                                                                                                     | Site perimeter fence line and roadside. |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                     | Sample Type                                                                                                                                                                                                                                      | Pump No                                 | Filter Head No                  | Sampling Period |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                           |                                                                                                                                                                                                                                                  |                                         |                                 | Start End       | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 11                                        | DX000212 / Area of works electrical pylon | FS                                                                                                                                                                                                                                               | ENV44                                   | BL3                             | 13:27           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 0.5        | 0.0001                                  | <0.010                    | 0.010                   |  |
|                                           |                                           |                                                                                                                                                                                                                                                  |                                         |                                 | 15:27           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 12                                        | DX000213 / Area of works stockpile 2      | FS                                                                                                                                                                                                                                               | WSS008                                  | BL4                             | 13:28           | 120                                               | 8.0        | 8.0                                | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                           |                                                                                                                                                                                                                                                  |                                         |                                 | 15:28           |                                                   | 8.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                           | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                         |                                 |                 |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                           | N/A                                                                                                                                                                                                                                              | <b>Analysis location:</b>               |                                 | Mobile Lab      |                                                   |            | <b>Van reg:</b>                    |                     | HY14 DFC                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                           | Billy Clark                                                                                                                                                                                                                                      |                                         | <b>Date of Sampling:</b>        |                 | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| <b>Background Monitoring</b>              |                                           | <b>Leak Monitoring</b>                                                                                                                                                                                                                           |                                         | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |            | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                           | LM                                                                                                                                                                                                                                               |                                         | RM                              |                 | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Meiji 11               | <b>Thermometer / Barometer No:</b> | BTC 23 / BTC23                          | <b>Stage Micrometer:</b>        | WSM3                                                                                                                                                                                                                                             | <b>NPL Test Slide No:</b>                         | NPL10      |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|------------------------|------------------------------------|-----------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                  | <b>Temperature (°C):</b>           | 9.0°C                                   | <b>Pressure (mb):</b>           | 1007mb                                                                                                                                                                                                                                           | <b>5th line of HSE / NPL test slide observed:</b> | Yes        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 15                  | <b>Low flow meter No:</b>          | FM 8                                    | <b>Exposed filter diameter:</b> | 22.5 mm                                                                                                                                                                                                                                          | <b>Slides stored in slide box no:</b>             | 29/03/22BC |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC3                    | <b>Area:</b>                       | Site perimeter fence line and roadside. |                                 |                                                                                                                                                                                                                                                  |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location  | Sample Type                        | Pump No                                 | Filter Head No                  | Sampling Period                                                                                                                                                                                                                                  |                                                   | Flow Rate  |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                        |                                    |                                         |                                 | Start End                                                                                                                                                                                                                                        | Total (Mins)                                      | Start End  | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 13                                        | DX000214 / Field Blank | FB                                 | N/A                                     | BL6                             | N/A                                                                                                                                                                                                                                              | 0                                                 | N/A        | 0.0                                | 0                   | N/A                       | N/A        | Field Blank                             |                           |                         |  |
| <b>Comments:</b>                          |                        |                                    |                                         |                                 | Far source monitoring was undertaken to establish the airborne fibre concentration during soil remediation works with asbestos containing materials at Arlington Railyard, Eastleigh. No visual inspection was undertaken. Results satisfactory. |                                                   |            |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                        | N/A                                |                                         | <b>Analysis location:</b>       |                                                                                                                                                                                                                                                  | Mobile Lab                                        |            |                                    | <b>Van reg:</b>     |                           | HY14 DFC   |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                        | Billy Clark                        |                                         | <b>Date of Sampling:</b>        |                                                                                                                                                                                                                                                  | 30/03/2022                                        |            | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | 30/03/2022              |  |
| Background Monitoring                     |                        | Leak Monitoring                    |                                         | Reassurance Monitoring          |                                                                                                                                                                                                                                                  | Near Source                                       |            | Far Source                         |                     | Field Blank               |            |                                         |                           |                         |  |
| BM                                        |                        | LM                                 |                                         | RM                              |                                                                                                                                                                                                                                                  | NS                                                |            | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Appendix 1 – Site Plan



|                       |                      |                       |  |
|-----------------------|----------------------|-----------------------|--|
| Analyst Name:         | Billy Clark          | Analyst Signature:    |  |
| Date:<br>Time:        | 30 Mar 2022<br>15:51 |                       |  |
| Site Supervisor Name: | Sam Robertson        | Supervisor Signature: |  |
| Date:<br>Time:        | 30 Mar 2022<br>15:53 |                       |  |

## Appendix 2 – Photographs



|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| Electrical Pylon 10:12 30/03/22                                                   | Signal box 10:12 30/03/22                                                          | Area of work 10:13 30/03/22                                                         | Respirator zone barrier 10:15 30/03/22                                              |
|  | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
| Respirator zone barrier 10:16 30/03/22                                            |                                                                                    |                                                                                     |                                                                                     |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.

# Air Monitoring Report



01 Apr 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD

**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                      |                                                                                                                         |                           |             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                    | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS                                 |                           |             |
| <b>Site address:</b>                                 | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                                                            |                           |             |
| <b>Client Order Number:</b>                          | RF532121                                                                                                                |                           |             |
| <b>Work Type:</b>                                    | Far source                                                                                                              | <b>Date of works:</b>     | 01 Apr 2022 |
| <b>Area(s) to be assessed:</b>                       | Landbuild work site, excavation adjacent south perimeter fence.                                                         | <b>Size of Area:</b>      | N/A / N/A   |
| <b>Asbestos contractor representative:</b>           | Not Available                                                                                                           | <b>Report issue date:</b> | 01 Apr 2022 |
| <b>Asbestos removal contractor name and address:</b> | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS                                           |                           |             |
| <b>Brief description of works:</b>                   | Excavating asbestos contaminated soil, picking visible asbestos containing material debris (primarily asbestos cement). |                           |             |

Analyst: James Redmond

Signature:

Technically reviewed by: James Redmond  
(authorised signatory)

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Nikon 7                                  | <b>Thermometer / Barometer No:</b>                                                                                                                                             | BTC 38 / BTC38                                                  | <b>Stage Micrometer:</b>        | WSM8            | <b>NPL Test Slide No:</b>                         | NPL4        |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                       | 11°C                                                            | <b>Pressure (mb):</b>           | 1015mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 11                                    | <b>Low flow meter No:</b>                                                                                                                                                      | FM 49                                                           | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JR |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC6                                      | <b>Area:</b>                                                                                                                                                                   | Landbuild work site, excavation adjacent south perimeter fence. |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                    | Pump No                                                         | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DQ000342 / North east side of excavation | FS                                                                                                                                                                             | WSS033                                                          | JR4                             | 09:39           | 60                                                | 16.0        | 16.0                               | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | 10:39           |                                                   | 16.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 2                                         | DQ000343 / North side of excavation      | FS                                                                                                                                                                             | AB10                                                            | JR1                             | 09:40           | 60                                                | 16.0        | 16.0                               | 960                 | 200                       | 2          | 0.0005                                  | <0.010                    | 0.010                   |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | 10:40           |                                                   | 16.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                          | Far source air monitoring carried out in order to ascertain the airborne fibre concentration level during excavation work on asbestos contaminated soil. Results satisfactory. |                                                                 |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                            | <b>Analysis location:</b>                                       |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | BD18 ZBW                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                          | J. Redmond                                                                                                                                                                     | <b>Date of Sampling:</b>                                        |                                 | 01/04/2022      |                                                   |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                         |                                                                 | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                          | LM                                                                                                                                                                             |                                                                 | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



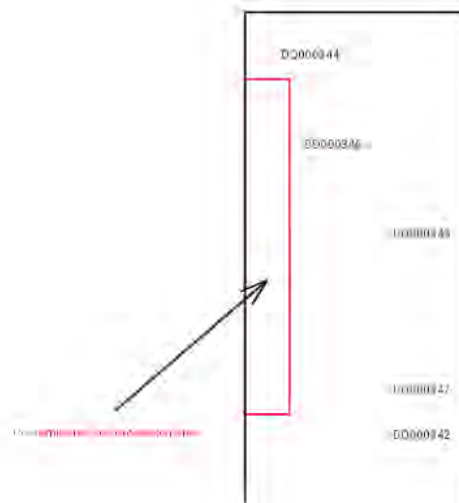
| <b>Microscope No:</b>                     | Nikon 7                            | <b>Thermometer / Barometer No:</b>                                                                                                                                             | BTC 38 / BTC38                                                  | <b>Stage Micrometer:</b>        | WSM8            | <b>NPL Test Slide No:</b>                         | NPL4        |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                              | <b>Temperature (°C):</b>                                                                                                                                                       | 11°C                                                            | <b>Pressure (mb):</b>           | 1015mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 11                              | <b>Low flow meter No:</b>                                                                                                                                                      | FM 49                                                           | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JR |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC6                                | <b>Area:</b>                                                                                                                                                                   | Landbuild work site, excavation adjacent south perimeter fence. |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location              | Sample Type                                                                                                                                                                    | Pump No                                                         | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                    |                                                                                                                                                                                |                                                                 |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 3                                         | DQ000344 / West side of excavation | FS                                                                                                                                                                             | AB19                                                            | JR3                             | 09:40           | 60                                                | 16.0        | 16.0                               | 960                 | 200                       | 1.5        | 0.0003                                  | <0.010                    | 0.010                   |  |
|                                           |                                    |                                                                                                                                                                                |                                                                 |                                 | 10:40           |                                                   | 16.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| 4                                         | DQ000346 / West side of excavation | FS                                                                                                                                                                             | AB19                                                            | JR1                             | 10:51           | 60                                                | 16.0        | 16.0                               | 960                 | 200                       | 2          | 0.0005                                  | <0.010                    | 0.010                   |  |
|                                           |                                    |                                                                                                                                                                                |                                                                 |                                 | 11:51           |                                                   | 16.0        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                    | Far source air monitoring carried out in order to ascertain the airborne fibre concentration level during excavation work on asbestos contaminated soil. Results satisfactory. |                                                                 |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                    | N/A                                                                                                                                                                            |                                                                 | <b>Analysis location:</b>       |                 | Mobile Lab                                        |             | <b>Van reg:</b>                    |                     | BD18 ZBW                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                    | J. Redmond                                                                                                                                                                     |                                                                 | <b>Date of Sampling:</b>        |                 | 01/04/2022                                        |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                    | <b>Leak Monitoring</b>                                                                                                                                                         |                                                                 | <b>Reassurance Monitoring</b>   |                 | <b>Near Source</b>                                |             | <b>Far Source</b>                  |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                    | LM                                                                                                                                                                             |                                                                 | RM                              |                 | NS                                                |             | FS                                 |                     | FB                        |            |                                         |                           |                         |  |

# Air monitoring certificate



| <b>Microscope No:</b>                     | Nikon 7                                  | <b>Thermometer / Barometer No:</b>                                                                                                                                             | BTC 38 / BTC38                                                  | <b>Stage Micrometer:</b>        | WSM8            | <b>NPL Test Slide No:</b>                         | NPL4               |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|--------------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                    | <b>Temperature (°C):</b>                                                                                                                                                       | 11°C                                                            | <b>Pressure (mb):</b>           | 1015mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes                |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 11                                    | <b>Low flow meter No:</b>                                                                                                                                                      | FM 49                                                           | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JR        |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC6                                      | <b>Area:</b>                                                                                                                                                                   | Landbuild work site, excavation adjacent south perimeter fence. |                                 |                 |                                                   |                    |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                    | Sample Type                                                                                                                                                                    | Pump No                                                         | Filter Head No                  | Sampling Period |                                                   | Flow Rate          |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | Start End       | Total (Mins)                                      | Start End          | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 5                                         | DQ000347 / North east side of excavation | FS                                                                                                                                                                             | WSS033                                                          | JR3                             | 10:52           | 60                                                | 16.0               | 16.0                               | 960                 | 200                       | 2.5        | 0.0006                                  | <0.010                    | 0.010                   |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | 11:52           |                                                   | 16.0               |                                    |                     |                           |            |                                         |                           |                         |  |
| 6                                         | DQ000348 / Field Blank                   | FB                                                                                                                                                                             | N/A                                                             | JR4                             | N/A             | 0                                                 | N/A                | 0.0                                | 0                   | N/A                       | N/A        | Field Blank                             |                           |                         |  |
|                                           |                                          |                                                                                                                                                                                |                                                                 |                                 | N/A             |                                                   | N/A                |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                          | Far source air monitoring carried out in order to ascertain the airborne fibre concentration level during excavation work on asbestos contaminated soil. Results satisfactory. |                                                                 |                                 |                 |                                                   |                    |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                          | N/A                                                                                                                                                                            | <b>Analysis location:</b>                                       |                                 | Mobile Lab      |                                                   |                    | <b>Van reg:</b>                    |                     | BD18 ZBW                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                          | J. Redmond                                                                                                                                                                     | <b>Date of Sampling:</b>                                        |                                 | 01/04/2022      |                                                   |                    | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                          | <b>Leak Monitoring</b>                                                                                                                                                         |                                                                 | <b>Reassurance Monitoring</b>   |                 |                                                   | <b>Near Source</b> |                                    |                     | <b>Far Source</b>         |            |                                         | <b>Field Blank</b>        |                         |  |
| BM                                        |                                          | LM                                                                                                                                                                             |                                                                 | RM                              |                 |                                                   | NS                 |                                    |                     | FS                        |            |                                         | FB                        |                         |  |

## Appendix 1 – Site Plan



|                              |                      |                              |                                                                                       |
|------------------------------|----------------------|------------------------------|---------------------------------------------------------------------------------------|
| <b>Analyst Name:</b>         | James Redmond        | <b>Analyst Signature:</b>    |  |
| <b>Date:</b><br><b>Time:</b> | 01 Apr 2022<br>12:12 |                              |                                                                                       |
| <b>Site Supervisor Name:</b> | Not Available        | <b>Supervisor Signature:</b> |  |
| <b>Date:</b><br><b>Time:</b> | 01 Apr 2022<br>12:15 |                              |                                                                                       |

## Appendix 2 – Photographs



|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| DQ000342, DQ000347 01/04/22 10:41                                                 | DQ000343 01/04/22 10:41                                                            | DQ000344 01/04/22 10:41                                                             | DQ000346 01/04/22 11:28                                                             |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| No photographic evidence available.                                               | No photographic evidence available.                                                | No photographic evidence available.                                                 | No photographic evidence available.                                                 |
|                                                                                   |                                                                                    |                                                                                     |                                                                                     |

## Appendix 3 – Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.



# Personal Monitoring Report



01 Apr 2022

**Site Address:**

Arlington Railyard  
Campbell Road  
Eastleigh  
SO50 5AD

**ENVIROCHEM ANALYTICAL LABORATORIES LTD**

12 The Gardens  
Broadcut  
Fareham  
Hampshire  
PO16 8SS

**Company Details**

Email: [office@envirochem.co.uk](mailto:office@envirochem.co.uk)

Web: [www.envirochem.co.uk](http://www.envirochem.co.uk)

Tel: 01329 287 777

**Job Details:**

|                                                                 |                                                                                          |                           |             |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------|-------------|
| <b>Client name &amp; address:</b>                               | Landbuild Ltd<br>The Colonnades<br>London Road<br>Pulborough<br>West Sussex<br>RH20 1AS  |                           |             |
| <b>Site address:</b>                                            | Arlington Railyard<br>Campbell Road<br>Eastleigh<br>SO50 5AD                             |                           |             |
| <b>Client Order Number:</b>                                     | RF532121                                                                                 |                           |             |
| <b>Work Type:</b>                                               | Personal                                                                                 | <b>Date of works:</b>     | 01 Apr 2022 |
| <b>Area(s) to be assessed:</b>                                  | Landbuild site, excavation at South perimeter fence                                      |                           |             |
| <b>Asbestos contractor representative:</b>                      | Not Available                                                                            | <b>Report issue date:</b> | 01 Apr 2022 |
| <b>Asbestos removal contractor name and address:</b>            | Landbuild Ltd, The Colonnades, London Road, Pulborough, West Sussex, RH20 1AS            |                           |             |
| <b>Brief description of works, including dates carried out:</b> | Operative hand picking asbestos containing material (ACM) debris during excavation work. |                           |             |

Analyst: James Redmond

Signature:

Technically reviewed by: J. Redmond  
(authorised signatory)

Signature:

# Air monitoring certificate



| <b>Microscope No:</b>                     | Nikon 7                               | <b>Thermometer / Barometer No:</b>                                                                     | BTC 38 / BTC38                                      | <b>Stage Micrometer:</b>        | WSM8            | <b>NPL Test Slide No:</b>                         | NPL4        |                                    |                     |                           |            |                                         |                           |                         |  |
|-------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------|-----------------|---------------------------------------------------|-------------|------------------------------------|---------------------|---------------------------|------------|-----------------------------------------|---------------------------|-------------------------|--|
| <b>Walton Beckett Graticule Diameter:</b> | 100µm                                 | <b>Temperature (°C):</b>                                                                               | 11°C                                                | <b>Pressure (mb):</b>           | 1015mb          | <b>5th line of HSE / NPL test slide observed:</b> | Yes         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>High Flow meter No:</b>                | FM 11                                 | <b>Low flow meter No:</b>                                                                              | FM 49                                               | <b>Exposed filter diameter:</b> | 22.5 mm         | <b>Slides stored in slide box no:</b>             | 01/03/22 JR |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Tally Counter:</b>                     | TC6                                   | <b>Area:</b>                                                                                           | Landbuild site, excavation at South perimeter fence |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| Sample No                                 | Sample Ref / Location                 | Sample Type                                                                                            | Pump No                                             | Filter Head No                  | Sampling Period |                                                   | Flow Rate   |                                    | Volume (litres) (V) | No of Graticule areas (n) | Fibres (N) | Concentration Fibres/ml                 | Reported Result fibres/ml | Limit of Quantification |  |
|                                           |                                       |                                                                                                        |                                                     |                                 | Start End       | Total (Mins)                                      | Start End   | Used (L/min)                       |                     |                           |            |                                         |                           |                         |  |
| 1                                         | DQ000345 / On operative: S. Robertson | PM                                                                                                     | AP25                                                | JR5                             | 11:01           | 30                                                | 4.0         | 4.0                                | 120                 | 100                       | 1          | 0.0042                                  | 0.004                     | 0.080                   |  |
|                                           |                                       |                                                                                                        |                                                     |                                 | 11:31           |                                                   | 4.0         |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Comments:</b>                          |                                       | Personal air monitoring carried out on operative hand picking ACM debris during soil excavation works. |                                                     |                                 |                 |                                                   |             |                                    |                     |                           |            |                                         |                           |                         |  |
| <b>Flowmeter Correction Factor:</b>       |                                       | N/A                                                                                                    | <b>Analysis location:</b>                           |                                 | Mobile Lab      |                                                   |             | <b>Van reg:</b>                    |                     | BD18 ZBW                  |            |                                         |                           |                         |  |
| <b>Sampled by:</b>                        |                                       | J. Redmond                                                                                             | <b>Date of Sampling:</b>                            |                                 | 01/04/2022      |                                                   |             | <b>Analysed by (if different):</b> |                     | N/A                       |            | <b>Date of Analysis (if different):</b> |                           | N/A                     |  |
| <b>Background Monitoring</b>              |                                       | <b>Leak Monitoring</b>                                                                                 |                                                     | <b>Clearance Monitoring</b>     |                 | <b>Reassurance Monitoring</b>                     |             | <b>Personal Monitoring</b>         |                     | <b>Field Blank</b>        |            |                                         |                           |                         |  |
| BM                                        |                                       | LM                                                                                                     |                                                     | CM                              |                 | RM                                                |             | PM                                 |                     | FB                        |            |                                         |                           |                         |  |

# Observation Form



|                                                                                                                                                                                 |                                                                                          |                                           |     |                                              |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------|-----|----------------------------------------------|-----|
| <b>Brief description of works:</b>                                                                                                                                              | Operative hand picking asbestos containing material (ACM) debris during excavation work. |                                           |     |                                              |     |
| <b>Purpose of monitoring:</b>                                                                                                                                                   |                                                                                          |                                           |     |                                              |     |
| <b>Checking effectiveness of methods</b>                                                                                                                                        | Yes                                                                                      | <b>Data for personal exposure records</b> | Yes | <b>Confirming appropriate RPE being worn</b> | Yes |
| <b>General control measures in use:</b>                                                                                                                                         |                                                                                          |                                           |     |                                              |     |
| <b>Enclosure (under negative pressure)</b>                                                                                                                                      | No                                                                                       | <b>Partial enclosure</b>                  | No  | <b>Injection</b>                             | No  |
| <b>Gel/Foam</b>                                                                                                                                                                 | No                                                                                       | <b>Shadow vacuum</b>                      | No  | <b>Spraying</b>                              | Yes |
| <b>Other (please specify)</b>                                                                                                                                                   |                                                                                          |                                           |     |                                              |     |
| <b>Sampling Details:</b>                                                                                                                                                        |                                                                                          |                                           |     |                                              |     |
| <b>Operative's name / job title:</b>                                                                                                                                            | S. Robertson , Operative                                                                 |                                           |     |                                              |     |
| <b>Type of RPE worn:</b>                                                                                                                                                        | Half mask                                                                                |                                           |     |                                              |     |
| <b>Length of time operative is / has been exposed:</b>                                                                                                                          | 30 minute(s)                                                                             |                                           |     |                                              |     |
| <b>Asbestos Product(s) being removed including detail of fixings, size, surface treatment and tools used during works and dust suppression methods being used by operative:</b> |                                                                                          |                                           |     |                                              |     |
| Asbestos cement debris                                                                                                                                                          |                                                                                          |                                           |     |                                              |     |
| <b>General Description of activities being undertaking during sampling:</b>                                                                                                     |                                                                                          |                                           |     |                                              |     |
| Operative hand picking ACM debris uncovered during excavation work, wetting and placing in to waste bags.                                                                       |                                                                                          |                                           |     |                                              |     |
| <b>Is the asbestos in good or bad condition (as per the method statements description):</b>                                                                                     |                                                                                          |                                           |     |                                              |     |
| Debris.                                                                                                                                                                         |                                                                                          |                                           |     |                                              |     |
| <b>Other factors which may affect the result (eg approximate size of the enclosure, external location, etc):</b>                                                                |                                                                                          |                                           |     |                                              |     |
| External location, soil damp.                                                                                                                                                   |                                                                                          |                                           |     |                                              |     |

$$\text{Time weighted average (4 Hour TWA)} = \frac{(F1 \times T1) + (F2 \times T2) + \dots + (Fn \times Tn)}{4}$$

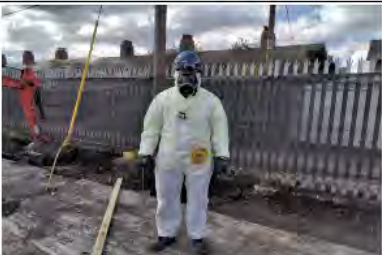
TWA = N/A f/ml

Where F = concentration f/ml,

T = Time for that exposure, hours and minutes, 1 hr 30 mins = 1.5

## Photographs



|                                                                                  |                                                                                   |                                               |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|--|
|  |  | <b>No Photographic<br/>Evidence Available</b> |  |
| <b>Operative wearing pump<br/>01/04/22 11:01</b>                                 | <b>Operative working 01/04/22<br/>11:03</b>                                       | <b>Work area through vision panel</b>         |  |

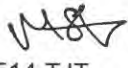
## Disclaimer



1. Testing and assessment carried out in accordance with in house procedure 3.01 and 3.02 based on HSE guidance Note HSG248. Using this method, the lowest limit of quantification LOQ for a 480l sample is 0.010f/ml. For volumes less than this, the LOQ is quoted.
2. Unless otherwise stated the detection limit is 0.01 fibres/ml.
3. Samples collected by the client are evaluated using information provided by the client.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. Fibres were counted on membrane filter(s) in accordance with the HSE Guidance Note HSG 248.
6. Results are for respirable fibres and not asbestos fibres alone.
7. This report shall not be reproduced except in full, without written approval of Envirochem and results shown in this report refer to the sample(s) tested only, and as received unless otherwise stated.
8. This certificate or air test report is valid only when it bears the signature of an authorised member of Envirochem personnel.
9. Representatives Signature - The signatory on report acknowledgement agrees to findings of this report being accurate and correct.
10. The calculated fibre concentration is given for each air sample taken. Where the corresponding reported fibre concentration is preceded by '<', the lower limit of quantification (LOQ) of the method has not been reached.
11. The sampling period must be sufficient to ensure it is fully representative of the work. Sampling periods should be for 4 hours to assess the control limit or for the duration of a specific task for shorter duration activities. A minimum sample time of 10 minutes is required to assess the Short Term Exposure Limit. In general, the client is to specify their requirements depending on previous personal air sampling carried out. All information was collected from the method statement or / and the site contact and this information is deemed as accurate / correct for the purpose of this report.

## Appendix D - Non-Hazardous Waste Transfer Notes

# Waste Transfer Note

| Description of Transfer           |                                 | Driver                      |                                                                                     |
|-----------------------------------|---------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 212379                          | Full Name                   | Michael Stone                                                                       |
| Waste regulation code             | 17-01-01<br>Concrete with Rebar | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper            |                             |                                                                                     |
| Transfer Date and Time            | 12-Jan-2022 11:06:16            | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054                      | Vehicle Registration Number | E14 TJT                                                                             |
| Order Number                      |                                 |                             |                                                                                     |

| From                     |                                                                                     | To                       |                                                                                                                |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Full Name                | Dan Russell                                                                         | Full Name                | Jess/Weighbridge                                                                                               |
| Weighbridge number       | NA                                                                                  | Weighbridge number       | 119345                                                                                                         |
| SIC Code                 | 42990                                                                               |                          |                                                                                                                |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | T J Transport Ltd.<br>TJ - Butser<br>(EPR/FB3704MV),<br>Greenaway Lane,<br>Petersfield, Hampshire,<br>GU31 5SX |
| Time and Date            | 12-Jan-2022 11:06:16<br>50.958965301514<br>-1.344630599022                          | Time and Date            | 12-Jan-2022 13:12:08<br>50.978904724121<br>-0.966470777988                                                     |
| Signature                |  | Signature                |                           |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

# Waste Transfer Note

| Description of Transfer           |                                 | Driver                      |                                                                                     |
|-----------------------------------|---------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 212380                          | Full Name                   | Robert Elloway                                                                      |
| Waste regulation code             | 17-01-01<br>Concrete with Rebar | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper            |                             |                                                                                     |
| Transfer Date and Time            | 12-Jan-2022 11:07:05            | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054                      | Vehicle Registration Number | D2 TJT                                                                              |
| Order Number                      |                                 |                             |                                                                                     |

| From                     |                                                                                     | To                       |                                                                                                                |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Full Name                | Dale Russell                                                                        | Full Name                | Phil kemp                                                                                                      |
| Weighbridge number       | N/A                                                                                 | Weighbridge number       | 119340                                                                                                         |
| SIC Code                 | 42990                                                                               |                          |                                                                                                                |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | T J Transport Ltd.<br>TJ - Butser<br>(EPR/FB3704MV),<br>Greenaway Lane,<br>Petersfield, Hampshire,<br>GU31 5SX |
| Time and Date            | 12-Jan-2022 11:07:05                                                                | Time and Date            | 12-Jan-2022 12:39:18                                                                                           |
| Signature                |  | Signature                |                           |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

# Waste Transfer Note

| Description of Transfer           |                        | Driver                      |                                                                                     |
|-----------------------------------|------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 215690                 | Full Name                   | John Wigmore                                                                        |
| Waste regulation code             | 17-03-02<br>Hardcore ✓ | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper   |                             |                                                                                     |
| Transfer Date and Time            | 24-Jan-2022 14:52:37   | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054 ✓           | Vehicle Registration Number | V18 TJT                                                                             |
| Order Number                      | MM-5321-24863          |                             |                                                                                     |

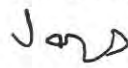
| From                     |                                                                                     | To                       |                                                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Full Name                | Dale Russel                                                                         | Full Name                | Jess                                                                                                             |
| Weighbridge number       | Na                                                                                  | Weighbridge number       | 119949                                                                                                           |
| SIC Code                 | 42990 ✓                                                                             |                          |                                                                                                                  |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | T J Transport Ltd.<br>TJ - Butser<br>(EPR/FB3704MV),<br>Greenaway Lane,<br>Petersfield, Hampshire,<br>GU31 5SX ✓ |
| Time and Date            | 24-Jan-2022 14:52:37<br>50.850688934326<br>-1.393711090088                          | Time and Date            | 24-Jan-2022 16:12:48<br>50.979824066162<br>-0.965678393841                                                       |
| Signature                |  | Signature                |                             |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011



# Waste Transfer Note

| Description of Transfer           |                      | Driver                      |                                                                                     |
|-----------------------------------|----------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 215244               | Full Name                   | PJB Driver1                                                                         |
| Waste regulation code             | 17-03-02<br>Hardcore | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper |                             |                                                                                     |
| Transfer Date and Time            | 21-Jan-2022 09:00:56 | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU92662            | Vehicle Registration Number | EU17 UXF                                                                            |
| Order Number                      |                      |                             |                                                                                     |

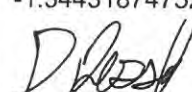
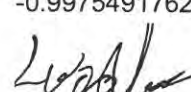
| From                     |                                                                                     | To                       |                                                                                                                |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Full Name                | Dale                                                                                | Full Name                | Jess                                                                                                           |
| Weighbridge number       | No ticket                                                                           | Weighbridge number       | 119791                                                                                                         |
| SIC Code                 | 42990                                                                               |                          |                                                                                                                |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | T J Transport Ltd.<br>TJ - Butser<br>(EPR/FB3704MV),<br>Greenaway Lane,<br>Petersfield, Hampshire,<br>GU31 5SX |
| Time and Date            | 21-Jan-2022 09:00:56<br>50.969947814941<br>-1.339169502258                          | Time and Date            | 21-Jan-2022 09:57:55<br>50.969947814941<br>-1.339169502258                                                     |
| Signature                |  | Signature                |                           |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011



# Waste Transfer Note

| Description of Transfer           |                                                | Driver                      |                                                                                     |
|-----------------------------------|------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 211672                                         | Full Name                   | Robert Elloway                                                                      |
| Waste regulation code             | 17-05-04<br>Non Hazardous<br>Contaminated Soil | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper                           |                             |                                                                                     |
| Transfer Date and Time            | 17-Jan-2022 08:24:34                           | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054                                     | Vehicle Registration Number | D2 TJT                                                                              |
| Order Number                      | MM-5321-24837                                  |                             |                                                                                     |

| From                     |                                                                                     | To                       |                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|
| Full Name                | Dale Russell                                                                        | Full Name                | Lou Woodhouse                                                                         |
| Weighbridge number       | N/A                                                                                 | Weighbridge number       | 943                                                                                   |
| SIC Code                 | 42990                                                                               |                          |                                                                                       |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | UK Remediation, Havant<br>Harts Farm Way , Havant,<br>Hampshire, PO9 1JN              |
| Time and Date            | 17-Jan-2022 08:24:34<br>50.958675384521<br>-1.34431874752                           | Time and Date            | 17-Jan-2022 09:20:01<br>50.847438812256<br>-0.997549176216                            |
| Signature                |  | Signature                |  |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

# Waste Transfer Note

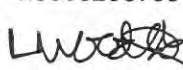
| Description of Transfer           |                                                | Driver                      |                                                                                     |
|-----------------------------------|------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 211674                                         | Full Name                   | Robert Elloway                                                                      |
| Waste regulation code             | 17-05-04<br>Non Hazardous<br>Contaminated Soil | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper                           |                             |                                                                                     |
| Transfer Date and Time            | 17-Jan-2022 09:59:20                           | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054                                     | Vehicle Registration Number | D2 TJT                                                                              |
| Order Number                      | MM-5321-24837                                  |                             |                                                                                     |

| From                     |                                                                                     | To                       |                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|
| Full Name                | Dale Russell                                                                        | Full Name                | Lou Woodhouse                                                                         |
| Weighbridge number       | N/A                                                                                 | Weighbridge number       | 946                                                                                   |
| SIC Code                 | 42990                                                                               |                          |                                                                                       |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | UK Remediation, Havant<br>Harts Farm Way , Havant,<br>Hampshire, PO9 1JN              |
| Time and Date            | 17-Jan-2022 09:59:20<br>50.95104598999<br>-1.365777611732                           | Time and Date            | 17-Jan-2022 10:47:48<br>50.897247314453<br>-1.311383485794                            |
| Signature                |  | Signature                |  |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

# Waste Transfer Note

| Description of Transfer           |                                                | Driver                      |                                                                                     |
|-----------------------------------|------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|
| Ticket Number                     | 211675                                         | Full Name                   | Robert Elloway                                                                      |
| Waste regulation code             | 17-05-04<br>Non Hazardous<br>Contaminated Soil | Company Name and Address    | TJ Transport Limited<br>127 Wickham Road,<br>Fareham, Hampshire, PO17 5BP           |
| Weight in Loads                   | 1.00 Loads 8W Tipper                           |                             |                                                                                     |
| Transfer Date and Time            | 17-Jan-2022 11:25:39                           | Driver Signature            |  |
| Waste Carrier Registration Number | CBDU133054                                     | Vehicle Registration Number | D2 TJT                                                                              |
| Order Number                      | MM-5321-24837                                  |                             |                                                                                     |

| From                     |                                                                                     | To                       |                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|
| Full Name                | Dale Russell                                                                        | Full Name                | Lou Woodhouse                                                                         |
| Weighbridge number       | N/A                                                                                 | Weighbridge number       | 950                                                                                   |
| SIC Code                 | 42990                                                                               |                          |                                                                                       |
| Company Name and Address | Landbuild Ltd<br>Gate 3<br>Campbell Road<br>Eastleigh<br>SO50 5AD                   | Company Name and Address | UK Remediation, Havant<br>Harts Farm Way, Havant,<br>Hampshire, PO9 1JN               |
| Time and Date            | 17-Jan-2022 11:25:39<br>50.961345672607<br>-1.350329875946                          | Time and Date            | 17-Jan-2022 12:08:29<br>50.961345672607<br>-1.350329875946                            |
| Signature                |  | Signature                |  |

By signing the above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011