

Appendix F- Coal Mining Consultant's Report



The Coal
Authority

Consultants Coal Mining Report

J Murphy And Sons
Rushcliffe House
Newark Road
New Ollerton
Newark
Nottinghamshire
NG22 9QG

Date of enquiry: 25 October 2022
Date enquiry received: 25 October 2022
Issue date: 25 October 2022

Our reference: 51003320378001
Your reference: 87854



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Melanie Booth

Enquiry address

J Murphy And Sons
Rushcliffe House
Newark Road
New Ollerton
Newark
Nottinghamshire
NG22 9QG

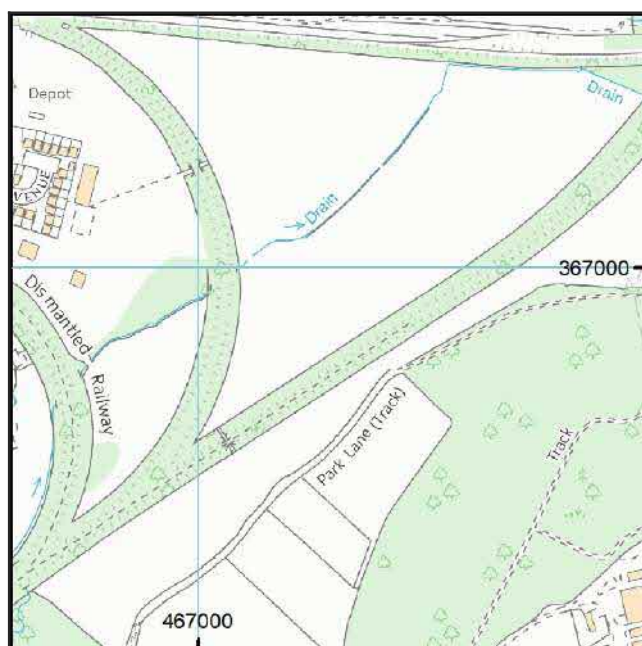
How to contact us

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in /company/the-coal-authority
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Approximate position of property



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Section 1 –Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
OLLERTON	TOP HARD	Coal	5TWG	414	Beneath Property	6.7	North-East	200	1934
OLLERTON	TOP HARD	Coal	5TWF	434	West	5.0	North-East	147	1963
OLLERTON	TOP HARD	Coal	5QD4	447	Beneath Property	5.3	East	165	1952
OLLERTON	TOP HARD	Coal	5QE4	448	Beneath Property	5.1	North	165	1929
OLLERTON	PARKGATE	Coal	5TWH	615	Beneath Property	7.1	North-East	192	1979
OLLERTON	PARKGATE	Coal	2	643	Beneath Property	6.6	North-East	190	1980
OLLERTON	PARKGATE	Coal	PG31	681	Beneath Property	5.4	North-East	210	1989
OLLERTON	PARKGATE	Coal	PG32	703	East	3.5	North-East	220	1993

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

EM1135	16551	16321
18325	EM1145	

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fissure under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 –Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

A damage notice or claim for alleged subsidence damage was made in May 2014 for LAND REAR OF MURPHY'S YARD, OFF NEWARK ROAD, WELLOW, NEWARK, NOTTINGHAMSHIRE. The claim was settled by repair.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

A damage notice or claim for alleged subsidence damage was made in July 1997 for C V CLOTHING KNITWEAR NEWARK ROAD, OLLERTON, NEWARK, NOTTINGHAMSHIRE, NG22 9QD. However, the claim was rejected.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

If further subsidence damage claims information is required, please visit www.groundstability.com.

See Section 4 for further information.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 –Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is in an area where notices to withdraw support were given in 1944, 1981 and 1982.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 –Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Coal mining subsidence

The site is within an area of previous interest. It is close to where the Coal Authority or licensed mine operator has investigated and where necessary remediated issues relating to coal mining subsidence.

The site requires further investigation and may influence your risk assessment. We recommend that you order the appropriate **Coal Authority Subsidence Claims Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 –Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial –mitigating the impact of existing pollution or Preventative –preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.




Payment to owners of former copyhold land

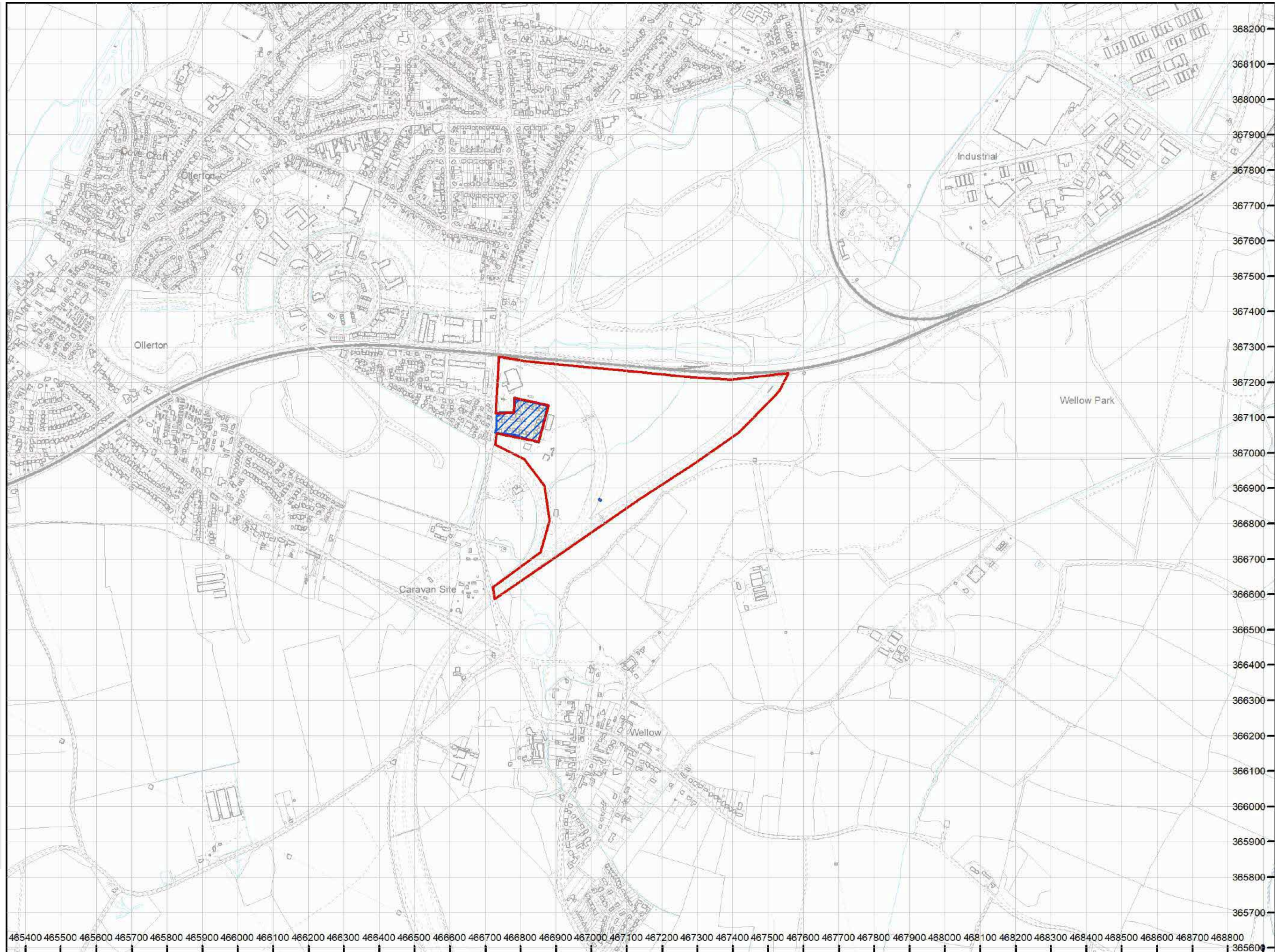
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

Summary of findings

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Geological fissures 
- Coal claim 



How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com

Appendix G –Refurbishment Asbestos Survey Report



Project Number 1134-2

Refurbishment
Asbestos Survey Report
of
Building B & Building A - Room F

J Murphy & Sons Ltd
Rushcliffe House, Newark Road
New Ollerton
Nottinghamshire
NG22 9PZ



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1.2.AMS2	Rick Margetts	Armour AS	1	20/09/2016	1

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II	Site Drawings

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Section 1: Contact Details

Client Details:		Instructing Party:	
J Murphy & Sons Ltd Cross Green Approach Ltd Leeds LS9 0SG		Shield Environmental Unit 8G1 Maybrook Business Park Maybrook Road Sutton Coldfield B76 1AL	
Contact Name:	Lukasz Olszewski	Contact Name:	Liam Male
Tel:	Fax:	Tel:	Fax:

Site Address:		Report Author:	
J Murphy & Sons Ltd Rushcliffe House, Newark Road New Ollerton Nottinghamshire NG22 9PZ		Armour Analytical Services Crown Road Warmly Bristol BS30 8JJ	
Contact Name:	Michael Booth	Contact Name:	Rick Margetts
Tel:	Fax:	Tel:	Mobile:

Lead Surveyor's Name:	Lead Surveyor's Authorising Signature:
R Margetts	

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Section 2: Executive Summary

This survey covers building B & room F in building A.

Rooms C / D / H / I

These rooms contain vinyl floor tiles that contain asbestos; the kitchen (room H) has a modern vinyl covering over the top of these tiles which does not contain asbestos.

Exterior

Downpipes & damp proof course both contain asbestos.

Building A – Room F

This room contains asbestos dust & debris above the ceiling grid, it is unknown where this material came from as no obvious signs of contamination.

Sample Number	Sample Type	Location	Analysis
B001	Dust & Debris	Room A	N.A.D.I.S
B002	Dust & Debris	Room C	N.A.D.I.S
B003	Vinyl Floor Tile	Room C	Chrysotile
B004	Vinyl Floor Tile	Room D	Chrysotile
B005	Dust & Debris	Room D	N.A.D.I.S
B006	Dust & Debris	Room E/F/G	N.A.D.I.S
B007	Vinyl Floor Tile	Room H	Chrysotile
B008	Dust & Debris	Room J	N.A.D.I.S
B009	Dust & Debris	Below Floor throughout	N.A.D.I.S
B010	Vinyl Floor Tile	Room I	Chrysotile
B011	Downpipes	Exterior	Chrysotile
B012	Flat Roof	Exterior	N.A.D.I.S
B013	Damp Proof Course	Exterior	Chrysotile
A004	Wall Sample	Building A – Room F	N.A.D.I.S
A005	Dust & Debris Above Ceiling	Building A – Room F	Chrysotile

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Section 3: Scope of Work

Area	Description
Exterior	Brick walls, timber doors, felt flat roof, UPVC windows & sills, asbestos cement downpipes, asbestos damp proof course.
Ground Floor	Timber floor, brick & plasterboard walls, concrete ceiling, asbestos vinyl floor tiles to room C-D-H-I , timber doors / boxing in / skirting & architrave, UPVC windows with timber & UPVC sills, modern services & appliances.
Room F – Building A	Concrete Floor, brick plastered walls, timber doors / skirting / architrave / boxing in / window sill, metal window, concrete ceiling above suspended ceiling grid, asbestos dust & debris on ceiling grid.

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Section 4: Site Description & Survey Information

Description

Brick walls, timber doors, felt flat roof, UPVC windows & sills, asbestos cement downpipes, asbestos damp proof course.

NOTE: Where an area has not been accessed that the area must be considered to contain asbestos containing materials until proven otherwise.

In practice this will mean that neither demolition work nor refurbishment work can be undertaken in an inaccessible area until that area has been subject to a Refurbishment asbestos survey, and the subsequent report considered and acted upon by the duty holder or their representative.

Areas Not Accessed

All areas within the scope of the survey were viewed.

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Section 5: Sample Photo Sheets, Conclusions & Actions

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Samples Containing Asbestos

The following samples taken were found to contain asbestos

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Sample No: B003

Location: Room C



Item:	Vinyl Floor Tiles	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	High	Assessment Score
Product type:	Vinyl Products	1
Extent of Damage:	Low	1
Surface Treatment:	Reinforced Composite	0
Asbestos type:	Chrysotile	1
Material Assessment Score:		3
Priority Assessment Score:		N/A
Action:	Remove / Encapsulate	
Comments:	Non Licensed Form of Asbestos	

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Sample No: B004

Location: Room D



Item:	Vinyl Floor Tiles	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	High	Assessment Score
Product type:	Vinyl Products	1
Extent of Damage:	Low	1
Surface Treatment:	Reinforced Composite	0
Asbestos type:	Chrysotile	1
Material Assessment Score:		3
Priority Assessment Score:		N/A
Action:	Remove / Encapsulate	
Comments:	Non Licensed Form of Asbestos	

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Sample No: B007

Location: Room H



Item:	Vinyl Floor Tiles	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	High	Assessment Score
Product type:	Vinyl Products	1
Extent of Damage:	Low	1
Surface Treatment:	Reinforced Composite	0
Asbestos type:	Chrysotile	1
Material Assessment Score:		3
Priority Assessment Score:		N/A
Action:	Remove / Encapsulate	
Comments:	Non Licensed Form of Asbestos	

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Sample No: B010

Location: Room I



Item:	Vinyl Floor Tiles	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	High	Assessment Score
Product type:	Vinyl Products	1
Extent of Damage:	Low	1
Surface Treatment:	Reinforced Composite	0
Asbestos type:	Chrysotile	1
Material Assessment Score:		3
Priority Assessment Score:		N/A
Action:	Remove / Encapsulate	
Comments:	Non Licensed Form of Asbestos	

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Sample No: B011

Location: Exterior



Item:	Rainwater Gutter / Downpipe	
Identification:	Sampled	
Approx quantity:	6 LM	
Accessibility	Low	Assessment Score
Product type:	Asbestos Cement	1
Extent of Damage:	Low	1
Surface Treatment:	Asbestos Cement	1
Asbestos type:	Chrysotile	1
Material Assessment Score:		4
Priority Assessment Score:		N/A
Action:	Undertake water absorption test if removing as non licensed asbestos	
Comments:	Normally Non Licensed form of asbestos	

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Sample No: B013

Location: Exterior

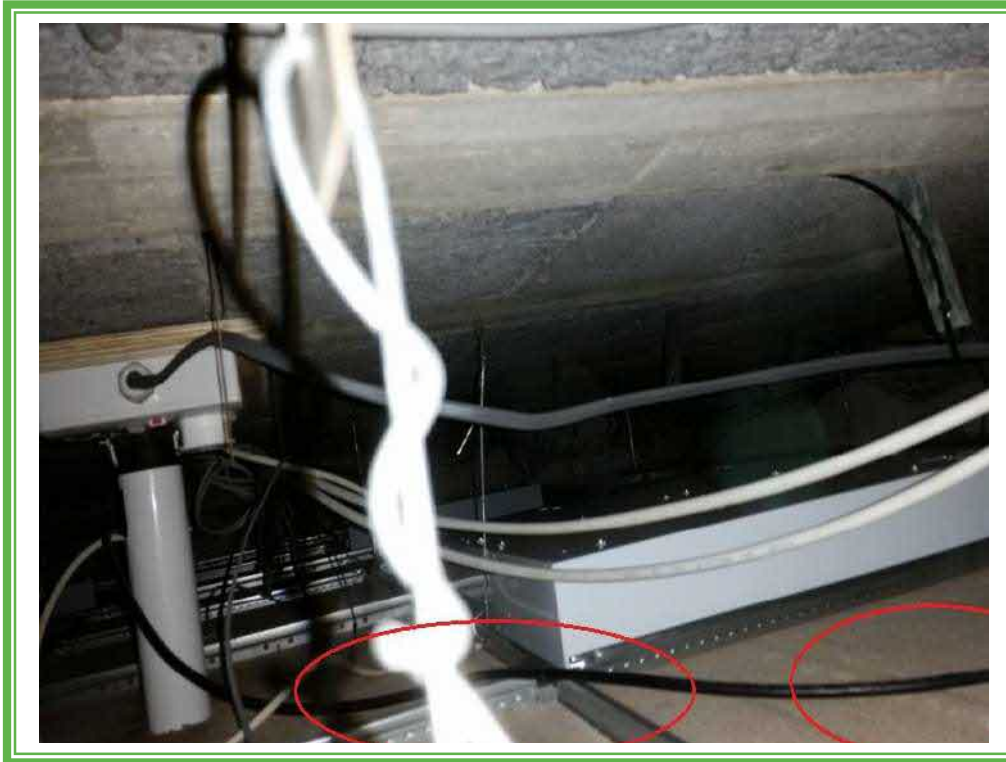


Item:	Damp Proof Course	
Identification:	Sampled	
Approx quantity:	30 LM	
Accessibility	High	Assessment Score
Product type:	Bitumen Products	1
Extent of Damage:	Low	1
Surface Treatment:	Sealed	1
Asbestos type:	Chrysotile	1
Material Assessment Score:		4
Priority Assessment Score:		N/A
Action:	Manage	
Comments:	Non Licensed Form of Asbestos	

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Sample No: A005

Location: Building A Room F



Item:	Dust & Debris Above Ceiling	
Identification:	Sampled	
Approx quantity:	15M sq	
Accessibility	Low	Assessment Score
Product type:	Unknown Origin	1
Extent of Damage:	High	3
Surface Treatment:	Unsealed	3
Asbestos type:	Chrysotile	1
Material Assessment Score:		8
Priority Assessment Score:		N/A
Action:	Remove / Clean Grid Prior Works	
Comments:	No Obvious Signs of Contamination Visually	

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Samples Found Not to Contain Asbestos

The following samples taken were found to not contain asbestos

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Sample No: B001

Location: Room A



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: B002

Location: Room C



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	20M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

Sample No: B005

Location: Room D



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	15M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: B006

Location: Rooms E/F/G



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	40M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: B008

Location: Room J



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	32M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: B009

Location: Below Floor - Throughout



Item:	Dust & Debris	
Identification:	Sampled	
Approx quantity:	128M sq	
Accessibility	Medium	Assessment Score
Product type:	Insulation Debris	N/A
Extent of Damage:	High	N/A
Surface Treatment:	Unsealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: B012

Location: Exterior



Item:	Flat Roof / Roof Felt	
Identification:	Sampled	
Approx quantity:	128M sq	
Accessibility	Medium	Assessment Score
Product type:	Bitumen Products	N/A
Extent of Damage:	Low	N/A
Surface Treatment:	Sealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

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Sample No: A004

Location: Building A – Room F



Item:	Wall Sample	
Identification:	Sampled	
Approx quantity:	60M sq	
Accessibility	High	Assessment Score
Product type:	Plaster	N/A
Extent of Damage:	Low	N/A
Surface Treatment:	Sealed	N/A
Asbestos type:	None	N/A
Material Assessment Score:		N/A
Priority Assessment Score:		N/A
Action:	None	
Comments:	No Asbestos Detected In Sample	

Section 6: Survey Objectives

Instructions were received from Lukasz Olszewski of J Murphy & Sons Ltd carry out an asbestos management survey at Rushcliffe House, Newark Road, New Ollerton, Nottinghamshire, NG22 9PZ in accordance with HSG 264 and Armour Analytical's quality procedures.

The survey was carried out on 08/09/2016 – 09/09/2016 by Rick Margetts, with the objective of facilitating refurbishment works.

This Refurbishment survey is characterised as a 'Full Access Sampling and Identification Survey' in HSG264. This type of survey is used to locate and describe, so far as is reasonably practicable, all asbestos containing materials (ACMs) in the building and will by its nature involve the partial destruction of the building's fabric as access is gained to all areas. A full sampling programme is undertaken to identify possible ACMs and estimate the extent of ACMs reported. A Refurbishment survey should be undertaken in an unoccupied building.

The objective of this survey report is to identify, so far as is reasonably practicable, the location, extent, product type and composition of ACMS within the fabric of the building, prior to said buildings major refurbishment or demolition.

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Section 7: Survey Techniques

Each floor, room and area within the scope was systematically inspected for suspect materials thought or known to contain asbestos and where such materials were encountered their location, extent, and composition were recorded.

Where materials of a similar nature exist, to those previously sampled, and a reasoned argument can be made that their composition is likely to be identical further physical sampling was not undertaken.

Photographs were taken of all sample locations, unless otherwise stated.

The analysis of suspect ACMs was undertaken by a UKAS accredited laboratory using the analytical method detailed in HSG248, Appendix 2 -Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

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Section 8: Survey Caveat

This report is based upon a destructive inspection of an unfamiliar site. During the course of the survey all reasonable efforts were made to identify the physical presence of materials containing asbestos within the areas of the building which are subject to future refurbishment or demolition works.

This report will be restricted to the areas that fall within the scope of works for project and will not take into account any area's that do not fall within the scope. Any asbestos that is identified within this report will need to be added to the buildings existing information and should not form the basis for a management survey. This survey will not include priority assessments nor will it include a register.

This survey considered the construction of the building, associated fixtures & fittings and associated structures and in no way should it be considered as a ground investigation report.

Services should be disconnected prior to commencement of a Refurbishment survey; however where plant and/or electrical installations are live or appear to be live then these will not be accessed.

This survey report is not a bill of quantities.

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Section 9: Survey Notes

This report has been written with reference to the various Guidance Notes etc, issued, and current at the date of this report and describes circumstances at the site on the date the investigation took place.

Where similar items exist in the building, only one or two samples have been taken to ascertain the material content. It was assumed that similar products were of the same material.

Any person undertaking work within the buildings should be told of the presence of asbestos. This briefing also applies to any other person associated with the site, including staff, sub-contractors and others.

The drawings in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes.

All the recommendations described in this report are based upon assumptions made after consideration of the type of material, condition of the material, its location, analysis result and type of use the area is thought to be subjected to. However, statutory authorities or others could require amendments based on local knowledge, change in legislation, change in use or indeed other conditions or criteria.

Samples taken from floor tiles (or similar material) may include a bitumen adhesive as part of the sample. It is known that some proprietary brands of bitumen have an asbestos content and this will be included as an integral part of the bulk sample unless otherwise stated.

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Appendix I: Certificates of Bulk Analysis

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Date: 13/09/2016

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Asbestos Fibre Identification Report

Client: Shield Environmental Services Ltd (Bristol)
Shield House, Crown Way, Warmley, Bristol, BS30 8XJ

Site Address: Armour - Building B - J Murphy & Son Ltd - Rushcliffe House, Newark Road, New Ollerton,
Nottinghamshire, NG22 9PZ

Sampled By: Shield Environmental Services Ltd (Bristol)

Date sampled/received: 12th September 2016

Date analysed: 13th September 2016

Analyst/s: Lucy Boulton

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
1	BS384307	Room A. Dust + debris	No	
2	BS384308	Room C. Dust + debris	No	
3	BS384309	Room C. VFT	Yes	Chrysotile
4	BS384310	Room D. VFT	Yes	Chrysotile

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
2. Samples collected by the client are evaluated using information provided by the client. For samples collected by the client the date of receipt is deemed to be the same as the date sampled.
3. Envirochem is a UKAS accredited laboratory for sampling and identification of asbestos containing materials.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. The analytical method in the HSG248 does not quantify the amount of asbestos present, therefore UKAS accreditation does not permit quantification.
6. If, during fibre identification, only 1 or 2 fibres are seen and identified as asbestos, then the term 'trace asbestos identified' is used.

SIGNATURE: 

Authorised signatory

PRINT NAME: Lucy Boulton

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Date sampled/received: 12th September 2016

Date analysed: 13th September 2016

Analyst/s: Lucy Boulton

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
5	BS384311	Room D. Dust + debris	No	
6	BS384312	Rooms E/F/G. Dust + debris	No	
7	BS384313	Room H. Vinyl floor	Yes	Chrysotile
8	BS384314	Room J. Dust + debris	No	

NOTES:

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Sampled By: Shield Environmental Services Ltd (Bristol)

Date sampled/received: 12th September 2016

Date analysed: 13th September 2016

Analyst/s: Lucy Boulton

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
9	BS384315	Dust + debris below floor throughout	No	
10	BS384316	Room I. VFT	Yes	Chrysotile
11	BS384317	Downpipes	Yes	Chrysotile
12	BS384318	Flat roof	No	

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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Sampled By: Shield Environmental Services Ltd (Bristol)

Date sampled/received: 12th September 2016

Date analysed: 13th September 2016

Analyst/s: Lucy Boulton

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
13	BS384319	DPC	Yes	Chrysotile

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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Asbestos Fibre Identification Report

Client: Shield Environmental Services Ltd (Bristol)
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Site Address: Armour - Building A - J Murphy & Son Ltd - Rushcliffe House, Newark Road, New Ollerton,
Nottinghamshire, NG22 9PZ

Sampled By: Shield Environmental Services Ltd (Bristol)

Date sampled/received: 12th September 2016

Date analysed: 12th September 2016

Analyst/s: Anna Wynn

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
1	BS384274	Room J. Stair nosings	No	
2	BS384275	Room Q. Sink pad	No	
3	BS384276	Rooms Q/R/S. Vinyl floor	No	
4	BS384277	Room F. Wall	No	

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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Sampled By: Shield Environmental Services Ltd (Bristol)

Date sampled/received: 12th September 2016

Date analysed: 12th September 2016

Analyst/s: Anna Wynn

Analysis Location: Unit 20 Falcons Gate Northavon Business Centre Yate, Bristol, BS37 5NH

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' methods based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
5	BS384278	Room F. Ceiling debris	Yes	Chrysotile

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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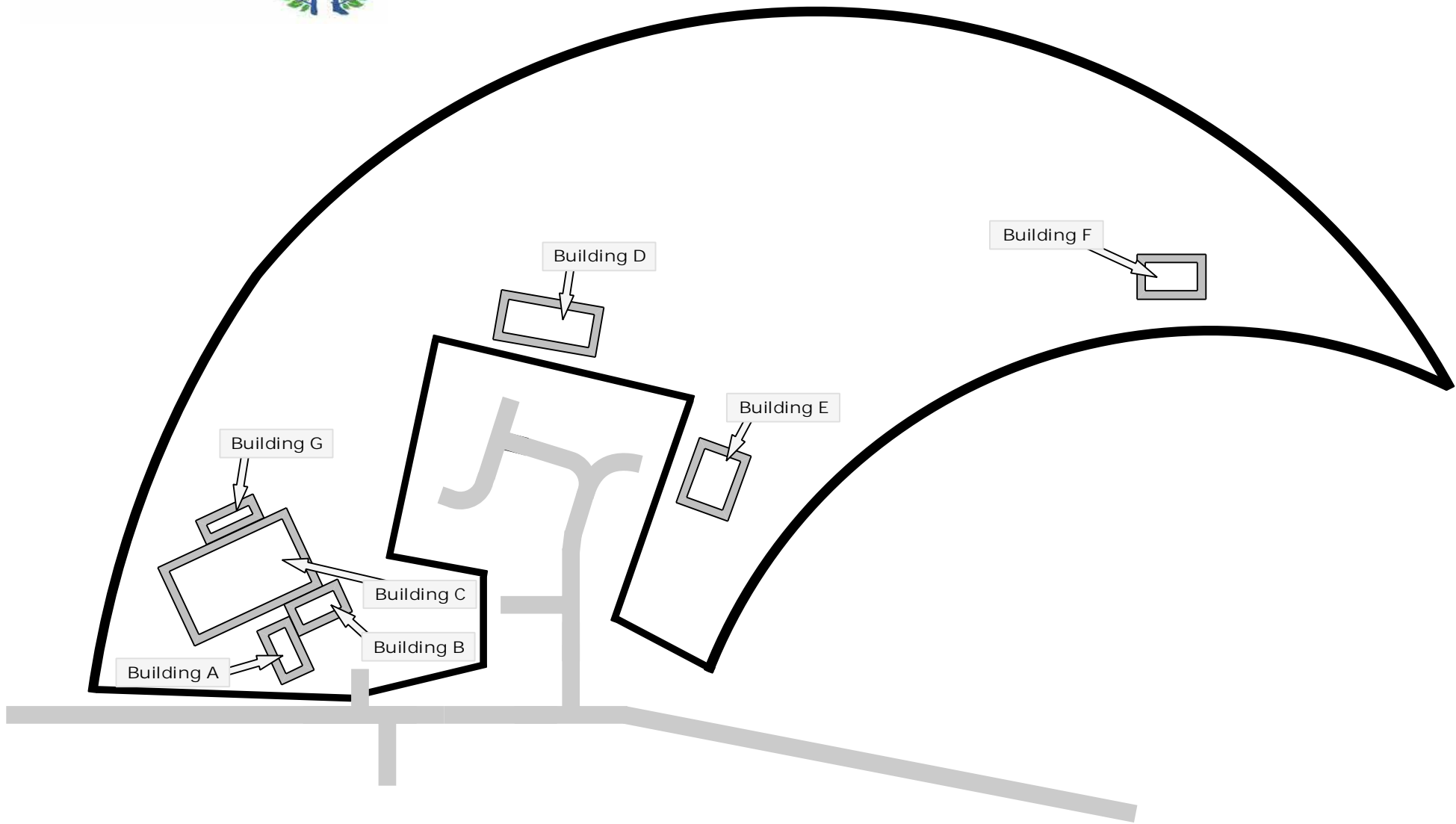




Appendix II: Site Drawings

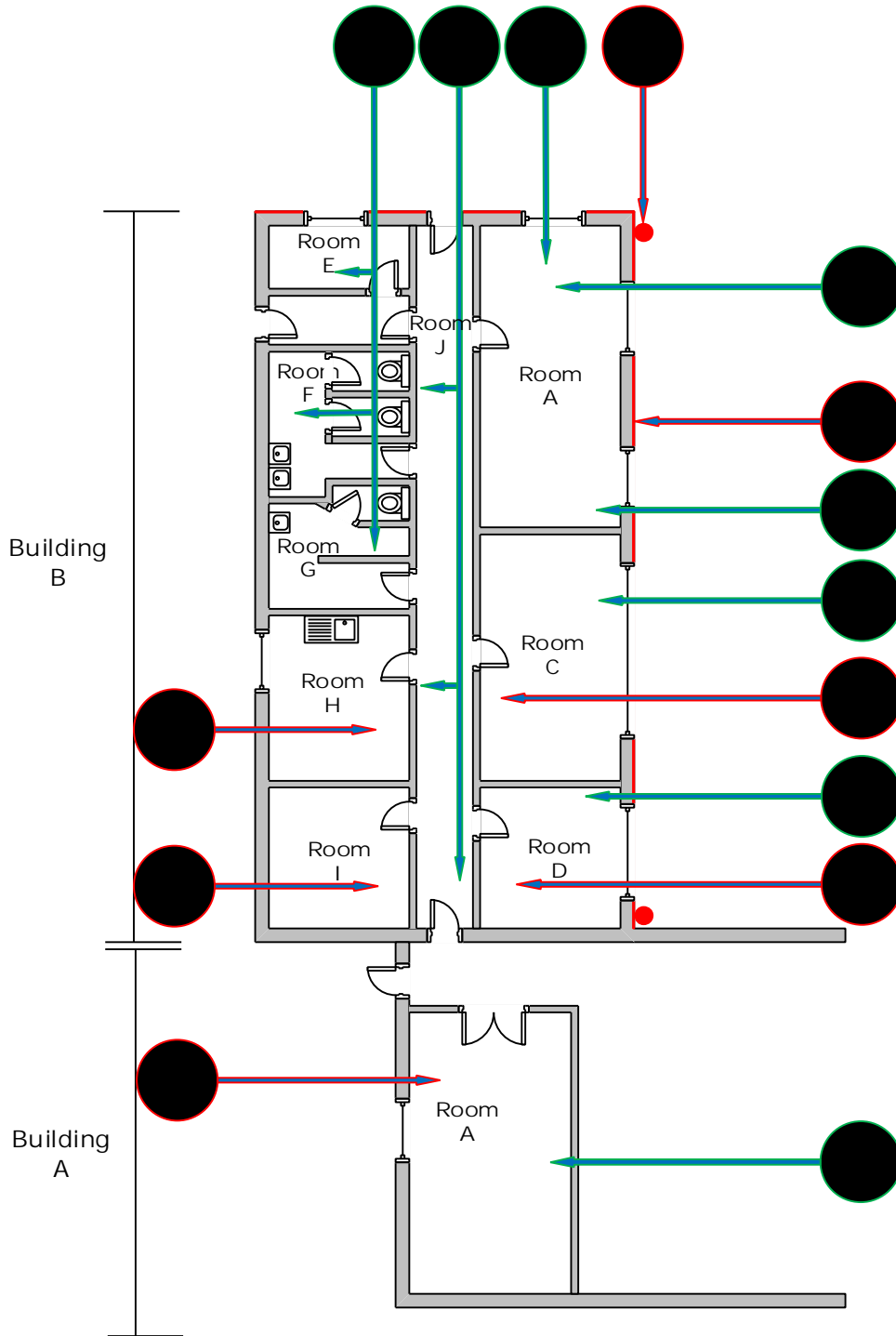
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Drawings for Illustration Purposes Only



Client	J Murphy & Son Ltd	Key:	N.A.D.I.S	
Site Address	Rushcliffe House		N.A.D.I.S = No Asbestos Detected In Sample	Asbestos Present
Drawing Reference	Building Plan	Document 4.1.AMS4	No Access	
Survey Reference	1134			



B001 = Dust & Debris
 B002 = Dust & Debris
 B003 = Vinyl Floor Tiles
 B004 = Vinyl Floor Tiles
 B005 = Dust & Debris
 B006 = Dust & Debris

B007 = Vinyl Floor Tiles
 B008 = Dust & Debris
 B009 = Debris Under Floor
 B010 = Vinyl Floor Tiles
 B011 = Downpipes
 B012 = Flat Roof

B013 = Damp Proof Course
 A004 = Wall Sample
 A005 = Debris Above Ceiling

Client	J Murphy & Son Ltd	Key:	N.A.D.I.S	
Site Address	Rushcliffe House	N.A.D.I.S = No Asbestos Detected In Sample	Asbestos Present	
Drawing Reference	Building B Sample Locations		No Access	
Survey Reference	1134-2	Document 4.0.AMS4	Not in Survey Scope	



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