

Client: Bury Metropolitan Borough Council
Town Hall
Knowsley Street
Bury
BL9 0SW

Lead Surveyor: S. Warburton
Assistant Surveyor(s): N/A
Date of Survey(s): 18th May 2023
Report Reference: CH.23.5.237.LW
Date Report Issued: 19 May 2023
Purpose of Survey:
(Refer to Section 2.2
of this report for
clarification)

Management	☐
Refurbishment	☐
Demolition	☒

Report on Survey of Asbestos Materials at

Former William Hill's Bookmakers
Blackburn Street
Radcliffe
M26 1AB



Amendments and Changes

The following changes and amendments have been made to this report since the original issue date (refer to front cover):

Date Report Re-Issued	Amended By	Details of Amendments Made
N/A		

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1.0 COMPLIANCE and EXECUTIVE SUMMARY

1.1 Statement of Conformity

1.1.1 Compliance

This survey was carried out by the undersigned lead surveyor, and is considered to be an accurate representation of the condition of accessible ACMs encountered at the time the survey was carried out.

Signed:



Name (print): S. Warburton

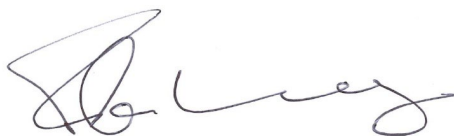
Position: Surveyor

Date: 19/5/2023

The content of this report and the recommendations made herein have been checked by the undersigned authorised person, and are considered to be in line with current APEC Environmental company policy and guidance issued by the Health and Safety Executive.

All results and observations made are considered to be correct at the time of survey. APEC Environmental Ltd can not accept any responsibility for subsequent deterioration of asbestos-containing materials, or failure on behalf of the client to act on recommendations made in this report.

Signed:



Name (print): P. Keeling

Position:

Operations Director

Date: 19th May 2023

1.1.2 Confidentiality

This report, including its findings and recommendations are produced for the sole use of our client or their instructing representative. Additional copies of this report will not be issued to other parties unless written permission is given by the client or their instructing representative.

1.2 Executive Summary

- This executive summary is intended to give an 'at a glance' indication of the ACMs identified and the basic remedial actions recommended.
- Refer to Section 5.0 for more detailed information regarding the materials identified and full recommendations.
- Areas not accessed are listed in Section 1.2.2.
- The recommendations made above are intended as a guide, and the client should carry out a priority assessment to allow effective programming of remedial works.

1.2.1 ACMs Identified During Survey

The following ACMs were identified during the survey of these premises:

Sample Number	Location	ACM Type	Material Risk Score	Recommendation
23/5/B/18/SAW1	G.01 - Shop area - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.02 - Cupboard - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.03 - Customer toilet - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.04 - Service counter - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.05 - Rear circulation - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.06 - Cleaner's cupboard - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW1	G.07 - Staff toilet - Floor below screed	Bitumen adhesive residuals	3	Remove
23/5/B/18/SAW5	1.01 - Landing - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW5	1.02 - Circulation - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW5	1.03 - Cupboard - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW5	1.05 - Toilet and lobby - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW5	1.06 - Store room - Floor	Bitumen adhesive residuals	3	Remove

Executive Summary continued on following page.

Sample Number	Location	ACM Type	Material Risk Score	Recommendation
Refer to Sample 23/5/B/18/SAW5	1.07 - Cupboard - Floor below screed	Bitumen adhesive residuals	3	Remove
Refer to Sample 23/5/B/18/SAW5	1.08 - Stairwell - Floor below screed	Bitumen adhesive residuals	3	Remove
23/5/B/18/SAW9	2.03 - Toilet - Wall	Thermoplastic cistern	4	Remove

Notes:

Material Risk Score

- High (Score of 10 or more) - Highlighted Magenta
- Medium (Score of 7-9) - Highlighted Red
- Low (Score of 5-6) - Highlighted Orange
- Very Low (4 or less) - Highlighted Yellow

Recommendations

- Management - continue to monitor this material by way of an Asbestos Management Plan.
- Encapsulate / Repair - programme for encapsulation or repair.
- Restrict Access - prevent any uncontrolled access to the area pending remedial works.
- Remove - programme for removal (repair is not deemed possible).
- Decontaminate - programme for decontamination of the area.

Reference should be made to section 5.2 for further information on recommendations made for ACMs identified during this survey.

1.2.2 Areas Not Accessed During Survey

With the exception of those areas not covered by the survey, or where 'no access' was agreed with the client, it is considered that all areas have been adequately accessed, with exception to the following;

Location/Item	Reason for non-access	Client Agreed (Y/N)
It is Considered that All Areas Accessed		

Where a room, area or item of equipment is identified as not accessed, it should be presumed that ACMs will be present unless observations made elsewhere in this report indicate otherwise.

1.2.3 Electrical Services

It should be noted that it is not uncommon to find asbestos-containing materials within electrical equipment. Such items include arc shield panels and gasket seals to electrical equipment doors etc., as well as woven asbestos arc shields below individual fuses in fuse boxes.

It was not possible to obtain isolation certificates from the client at the time of survey and as such all electrical equipment falling within the scope of the survey was assumed to be live. As a result only visual inspection of these items was undertaken. Asbestos containing materials should be presumed to be present within electrical equipment which has not been accessed.

2.0 INTRODUCTION

- 2.1 APEC Environmental Limited were instructed by David Winterbottom for Bury Metropolitan Borough Council, to undertake a representative survey of asbestos materials present at;

Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

- 2.2 Survey type(s) requested as defined in HSG 264 'Asbestos: The Survey Guide' issued by the Health and Safety Executive are as follows:

Survey Type	Survey Extent / Locations	
Management	Not Requested	
Refurbishment	Not Requested	
Demolition	Throughout	
Client has instructed APEC to produce an Amalgamated Report (See 2.5)		No
Previous ACM sample information to be include within report (See 2.5)		NA

- 2.3 This report is issued for the sole use of the client or his authorised representative as indicated in 2.1 above, and should only be used for the intended purpose (i.e. Management, Refurbishment, Demolition or a combination of the same). The client should read the report in its entirety as soon as possible and if any errors or omissions are believed to be present in the report, APEC should be contacted immediately so that these can be clarified or rectified as necessary.

- 2.4 The objectives of the survey and report are to:

1. Identify those areas of the above site where asbestos is present;
2. Identify the type and extent of asbestos material present;
3. Comment on the condition of asbestos materials identified;
4. Advise on suitable recommendations for remedial and management measures in line with the requirements of the Control of Asbestos Regulations 2012 (CAR 2012).

2.5 Previous Survey Information / Amalgamated Reports

- 2.5.1 Where previous surveys have been carried out by APEC or other accredited survey organisations, relevant previous survey information has been included in this report if the client has provided this information and has instructed us to provide an amalgamated report. The following table details historical information included in this report;

Report Reference	Date of Report	Survey Company	Survey Type	Scope of Survey
N/A				

- 2.5.2 Where ACMs have been previously identified and remain present, with the consent of the client the sample analysis results from the previous survey may be used in this report, rather than re-sampling the materials.
- 2.5.3 If APEC have been asked to include previously identified ACMs, the register has been updated to include the current Material Risk Assessment information. Any previously identified ACMs that were not visible during survey, have been presumed to remain in situ and are included in the asbestos register, unless documented removal information has been provided by the client prior to survey.
- 2.5.4 Where samples from previous reports have been included in the asbestos register in this report, these are distinguished by being placed in brackets - e.g. (15/5/B/30/XX12)

3.0 SITE SURVEY AND RESULTS

3.1 Survey Protocols:

- 3.1.1 Survey was undertaken with reference to guidance contained in HSG 264, 'Asbestos: The Survey Guide', published by the Health and Safety Executive in April 2012. Survey protocols and methods adopted by our surveyors are detailed in APEC Environmental's in house method QCRF2 Methods Manual, Section OH5, an uncontrolled copy of which is available on request.
- **Management Survey** - this type of survey involves visual inspection of all accessible areas of the area to be surveyed, with all suspect asbestos-containing materials being recorded and presumed as containing asbestos. Representative bulk sampling of suspect asbestos containing materials will usually be included as part of this type of survey. This type of survey is intended to provide sufficient information to allow the client or dutyholder to comply with their requirements under regulation 4 of CAR 2012, as part of an overall Asbestos Management Plan.
 - **Refurbishment Survey** - if any refurbishment works are planned in a premises (whether localised or overall), then a refurbishment survey should be carried out prior to these works. In addition to the level of inspection and bulk sampling for a Management Survey, intrusive or destructive access will be carried out in areas where refurbishment is to be undertaken. It may be necessary to have assistance from other trades during this type of survey to ensure all necessary areas are adequately inspected.
 - **Demolition Survey** - this survey is similar to a Refurbishment Survey, although it would work on the assumption that all of the premises or defined areas of the premises are to be completely demolished. For this type of survey, all voids, cavities and concealed areas will be accessed as far as reasonably practicable. This type of survey will almost certainly require assistance from other trades for mechanical opening up, electrical inspection, and disconnection of gas and water systems.
- 3.1.2 Any combination of the survey types may be needed for any premises, and this should have been identified and discussed with APEC at the survey planning stage.
- 3.1.3 Refurbishment and Demolition Surveys can only reasonably be undertaken in areas that have been fully vacated prior to inspection. It should be pointed out that whilst every endeavour has been made during survey to identify all ACMs within the remit of the survey type requested, some materials may remain hidden that cannot reasonably be accessed until such time as demolition takes place.
- 3.1.4 Unless otherwise agreed at the survey planning stage, 'making good' is limited to that considered necessary on Health and Safety grounds and no cosmetic repairs have been made. Reassurance air monitoring may be carried out on completion of survey if it is requested by the client or if it is considered necessary by the surveyor carrying out the survey.
- 3.1.5 The survey procedures described above will usually include the sampling and analysis of suspect materials. Further information is included in section 3.4 below. If bulk samples have been taken and analysed by APEC as part of the survey, or if any air testing has been carried out by APEC in support of the survey, the results for these tests are included in separate Certificates of Analysis attached as an appendix to this report.
- 3.1.6 All survey, inspection, testing and analysis is undertaken with reference to our standard Terms and Conditions, additional copies of which are available upon request.

3.1.7 Where a client has not provided clear and accurate site plans for use by our surveyors during survey, we will make sketch plans on site to accompany this report. If no plans were provided, or where plans have been provided that do not show the full scope of the area to be surveyed, this may affect the accuracy of the survey works on site, and as such APEC accepts no liability for omissions, exclusions or inaccuracies in the content of this report relating to areas that were not clearly identified for survey to us, and which are not reproduced in the site plans appended to this report.

3.2 Restriction on Use of Survey Results:

- If a **Management Survey** has been requested, the information contained within this report must not be used to plan refurbishment or demolition works. Additional specific survey should be carried out prior to any such works. The Management Survey does allow for routine maintenance activities, but does not cover more significant planned works.
- A **Refurbishment** or **Demolition** survey should always be undertaken prior to carrying out any maintenance, refurbishment or demolition works to a premises or area.
- The quantities of asbestos containing materials indicated in this report are approximations based on our surveyors' observations at the time of survey. If the results of the survey contained in this report are to be used to price or specify asbestos remedial or removal works, it is the responsibility of the asbestos removal or demolition contractor pricing any such works to ensure that they have adequately quantified the works prior to submitting prices to the client. This can only be done by means of a site visit and APEC Environmental can accept no responsibility for pricing or other inaccuracies resulting from incorrect use of the information within this report.
- Where major asbestos removal works are planned, we strongly recommend that a separate specification of works should be used for this purpose.

3.3 Limits of Inspection:

- If a **Management Survey** was instructed, no destructive internal access was made to partition walls, internal to doors, concealed bulkheads or risers. Inspection was made into wall, floor and ceiling voids and ducts provided non-destructive access was available.
- If a **Refurbishment Survey** was instructed, some destructive and intrusive access may have been carried out, if this was considered necessary to provide sufficient information for the planned works to proceed. Where intrusive access was undertaken, this was targeted to those areas where we were informed that refurbishment works were planned. The inspection in these areas will have taken into account the nature of the planned works.
- If a **Demolition Survey** was instructed, it has been assumed that the premises to be surveyed will be demolished entirely and the survey will have included for complete intrusive access into all structures within the limits of structural integrity.

3.4 Representative Bulk Sampling:

All bulk samples were taken in accordance with documented in-house method QCRF2, OH3, which is based on procedures and protocols outlined in HSG 248 (Edition 2) and HSG 264.

Any deviations from those methods as described in QCRF2, OH3, HSG248(Edition 2) and HSG264 are detailed below.

Material sampled	Details of Sampling strategy adopted	Client Agreed (Y/N)
N/A		

Where a homogenous asbestos-containing material appears widespread throughout a property, samples may only have been taken in a few representative locations, with the remaining materials indicated as '**strongly presumed**' to contain asbestos as indicated in HSG 264. For Management Surveys in particular, this strategy is adopted to minimise the disturbance to asbestos-containing materials.

All samples taken on site by the surveyor are 'double bagged' in self-seal sample bags, labelled with the sample number, for transfer to the laboratory.

3.5 Analytical Techniques:

Bulk samples are analysed for asbestos content by polarised light microscopy, using the dispersion staining technique as recommended in HSG 248 (Edition 2). APEC Environmental takes part in the 'AIMS', externally administered quality control scheme for identification of asbestos in bulk samples, and maintains a 'Satisfactory' classification.

Wherever a sample result is reported within the register or on the Confirmation of Analysis Report as 'No Asbestos Detected' this result relates only to the sample analysed, and should be taken to mean 'No Asbestos Detected in Sample'.

3.6 Results:

Observations made during survey are presented in Sections 4 and 5 of this report, along with an Asbestos Register and more detailed recommendations.

A Confirmation of Analysis Report for the bulk samples taken is included in Section 7 of this report, along with site plans indicating sample locations and any photographs taken.

3.7 References:

The following Health and Safety Executive and other relevant publications have been referenced in carrying out this survey and compiling the recommendations within the report.

- The Health and Safety at Work etc. Act 1974.
- The Control of Asbestos Regulations 2012.
- The Hazardous Waste (England and Wales) Regulations 2005 (as amended in 2009).
- ACoP and Guidance L143, Managing and working with asbestos
- HSG 264, 'Asbestos: The Survey Guide'.
- HSG 227, A comprehensive guide to managing asbestos in premises.
- HSG 248 (Edition 2), Asbestos: The Analysts' Guide

3.8 Accreditation

- 3.8.1 This inspection body is accredited in accordance with the recognised International Standard ISO/IEC 17020:2012. This accreditation demonstrates technical competence for a defined scope and the operation of an inspected body quality management system (refer joint ISO-ILAC-IAF communique dated September 2013).
- 3.8.2 This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF communique dated April 2017).

3.9 Definitions and Glossary of Terms:

In compiling this report a number of abbreviations and technical terms may have been used. The following is a glossary of the most commonly used of these terms:

AIB - Asbestos insulating board.

ACM(s) - asbestos-containing material(s).

Encapsulation - sealing the surface of the ACM.

Encapsulant - proprietary, paintable sealant.

Protection - physical protection to exposed materials (metal cladding or similar).

Safe working procedure - written method specifying the controls to be applied during works on or near ACMs.

Licensed asbestos removal contractor - contractor approved by the HSE to remove ACMs.

Homogenous - materials of an even and consistent composition.

Suitable controlled conditions - works carried out under a safe working procedure or within an appropriate working enclosure.

Method statement - written method submitted to the HSE by a contractor prior to start of works.

Supalux - trade name for insulation board containing vermiculite and organic fibre.

Artex - trade name for textured decorative coating.

Mineralite - trade name for ceiling tiles containing man made mineral fibre.

Diatomaceous earth - older form of insulation containing asbestos organic fibre, straw and fine soil.

Galbestos - galvanised profiled metal construction sheets with a bitumen coating containing asbestos.

Verge edging/under cloak - edge support strip for roof tiles at a gable end.

Thermoset plastic - hard set, high-density composite plastic.

Fibreboard - low-density board, usually comprised of organic fibre.

MMMF - machine-made mineral fibre.

4.0 GENERAL SITE OVERVIEW

4.1 Property Description

The property is a Three storey high street shop with amenities and facilities.

4.2 Building or Premises Structure

i) Externally:

Walls - Solid / Brick

Roof - Flat Roof

Soffits - None present

Fascias - Timber

Canopies - None Present

Doors / Windows - Timber / Metal

Flues / Chimney - Metal

Rainwater goods - Plastic / Metal

Verge edging - None Present

DPC - Bitumen

Outbuildings - None Present

Other Information - Not applicable

ii) Internally:

Walls and Partitions - Solid / Plaster / Partition / Brick / Timber, metal sheet

Riser panels - Timber

Ceilings - Plaster board / Plaster / TC / Suspended ceiling tiles, concrete, timber, strammit board

Textured Coatings - To Ceilings

Ceiling voids - Accessed

Loft spaces - None present

Fire breaks and Cladding - Timber

Floors and Coverings - Concrete / Vinyl Floor Covering

Floor ducts - None present

Doors (& Panels) - Timber / Metal

Windows - Plastic / Timber / Metal

Windowsills - Solid / Ceramic tiles

Other Information - Not applicable

4.3 **Mechanical Services**

Boiler / Heating - Gas-Combi Boiler
Calorifiers - None Present
Pipework - Unlagged / Mmmf lagged
Residuals and Debris - Bitumen residuals
Gaskets - None Visible
Fuel / Water tanks - None Present
Flues - Metal
Floor Ducts - None Present
WC facilities - Ceramic / Thermoplastic
Sink units - Metal
Bath panel - None present
Ventilation ducts - Metal ducting / Foil flexi hosings
Fridges - None Present
Friction linings - None Present
Other Information - Not applicable

4.4 **Electrical Services (refer to Section 1.2.2)**

Fuse and switch boxes - Modern
Light units - Modern
Electrical equipment - Modern
Other Information - Not applicable

5.0 SURVEY RESULTS

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

Date of survey: 18th May 2023

Notes (Refer to table headings):-

- 1) Survey Type: **MS** - Management Survey, **RS** - Refurbishment Survey, **DS** - Demolition Survey,
- 2) Refer to bulk sample analysis record.
- 3) Analysis Level; **C** - Confirmed by analysis, **P** - Presumed, **SP** - Strongly Presumed.
- 4) Quantity is expressed as **area (m²)**, **volume (m³)**, **length (m)** or **number of items** as appropriate. All quantities given are approximate. Where quantities cannot be expressed in these units an entry of **NQ** will be entered into the register and an explanation of the extent of the material will be given in the 'Other information' section.
- 5) Access - **Low** - difficult to reach, **Medium** - some effort required to reach (ladder etc), **High** - within easy reach.
- 6) Risk category is as defined in Section 6 of this report, and is based on the risk material risk assessment algorithm detailed in HSG 264:
Abbreviations - **M** = Product Type, **D** = Damage, **S** = Surface Treatment, **A** = Asbestos Type.
- 7) Suggested reinspection frequency as part of a Management Plan.
- 8) Sample(s) numbers in brackets were taken as part of a previous survey of the property.

5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
External	DS	Damp proof course - Bitumen damp proof	23/5/B/18/SAW10	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Window reveals - Bitumen vapour barrier	23/5/B/18/SAW11	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Roof - Core sample	23/5/B/18/SAW12	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Roof - Core sample	23/5/B/18/SAW13	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Other Information - Further suspect ACMs identified during survey of this area continue on following page.												

5.1 Asbestos Register

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

Date of survey: 18th May 2023

5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
External	DS	Window reveals - Bitumen vapour barrier	Refer to Sample 23/5/B/18/SAW11	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - No other suspect ACMs identified during survey of this area.												
G.01 Shop area	DS	Floor below screed - Bitumen adhesive residuals	23/5/B/18/SAW1	Chrysotile	C	56m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and ceramic floor tiles, solid, plasterboard and timber partition walls, 600 x 600 mineralite ceiling tiles on metal grid with, ceiling mounted air conditioning, metal ductwork with foiled flexi hosings to air vents, with concrete ceiling above, timber fascia above aluminium shop frontage. No other suspect ACMs identified during survey of this area.												
G.02 Cupboard	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	1m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed, solid and plasterboard partition walls, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												
G.03 Customer toilet	DS	Ceiling void - Textured coating to plasterboard ceiling	23/5/B/18/SAW2	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	4m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and ceramic floor, solid and plasterboard partition walls, ceramic wall tiles throughout, fixed suspended plasterboard ceiling with textured coating to plasterboard ceiling above, with timber ceiling above. No other suspect ACMs identified during survey of this area.												
G.04 Service counter	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	8m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed, solid, timber and metal panel partition walls, 600 x 600 mineralite ceiling tiles on metal grid with ceiling mounted air conditioning unit with metal ductwork and foil flexi hosings, with concrete ceiling above, ceramic cistern. No other suspect ACMs identified during survey of this area.												

5.1 Asbestos Register

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

Date of survey: 18th May 2023

5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
G.05 Rear circulation	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	2.5 m ²	Medium	Fair	1	1	0	1	3	Action Required
		Ceiling void - Textured coating to plasterboard ceiling	Refer to Sample 23/5/B/18/SAW2	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Concrete floor, bitumen adhesive residuals below screed, solid and plasterboard partition walls, 600 x 600 mineralite ceiling tiles on metal grid with florescent light fitting, with fixed suspended plasterboard ceiling with textured coating to partial ceiling with timber ceiling above and foil flexi hosing. No other suspect ACMs identified during survey of this area.												
G.06 Cleaner's cupboard	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	0.5 m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and modern vinyl floor covering, solid and plasterboard partition walls, fixed suspended plasterboard ceiling with unlagged pipework and timber ceiling above, ceramic sluice sink. No other suspect ACMs identified during survey of this area.												
G.07 Staff toilet	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW1	Chrysotile	SP	1m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and modern vinyl floor covering, solid and plasterboard partition walls, fixed suspended plasterboard ceiling with unlagged pipework and timber ceiling above, ceramic cistern. No other suspect ACMs identified during survey of this area.												
G.08 Stairwell	DS	Staircase - Nose edgings	23/5/B/18/SAW3	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor and staircase, modern vinyl floor covering, nose edgings to staircase, solid and plasterboard partition walls with woodchip wallpaper, plaster to concrete ceiling. No other suspect ACMs identified during survey of this area.												
1.01 Landing	DS	Bottom layer of floor covering - Vinyl floor covering	23/5/B/18/SAW4	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Other Information - Further suspect ACMs identified during survey of this area continue on following page.												

5.1 Asbestos Register

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

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5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
1.01 Landing	DS	Floor below screed - Bitumen adhesive residuals	23/5/B/18/SAW5	Chrysotile	C	2m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and 2 x layers of vinyl floor covering, solid and plasterboard partition walls with woodchip wallpaper, plasterboard ceiling with strammit board ceiling above staircase, timber ceiling above on landing. No other suspect ACMs identified during survey of this area.												
1.02 Circulation	DS	Bottom layer of floor covering - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW4	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	5m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and 2 x layers of vinyl floor covering, solid and plasterboard partition walls, 600 x 600 mineralite ceiling tiles on metal grid with fitted light, with plasterboard ceiling above. No other suspect ACMs identified during survey of this area.												
1.03 Cupboard	DS	Bottom layer of floor covering - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW4	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	1m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals below screed and 2 x layers of vinyl floor covering, solid and plasterboard partition walls, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												
1.04 Staff kitchen	DS	Ceiling void - Textured coating to plasterboard ceiling	23/5/B/18/SAW6	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Other Information - Concrete and quarry tile floor below screed and modern vinyl floor covering, solid and plasterboard partition walls, ceramic wall tiles to splash backs, modern sink, 600 x 600 mineralite ceiling tiles on metal grid with florescent light fittings with textured coating to plasterboard ceiling above, . No other suspect ACMs identified during survey of this area.												

5.1 Asbestos Register

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

Date of survey: 18th May 2023

5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
1.05 Toilet and lobby	DS	Bottom layer of floor covering - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW4	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	3m ²	Medium	Fair	1	1	0	1	3	Action Required
		Ceiling void - Textured coating to plasterboard ceiling	Refer to Sample 23/5/B/18/SAW6	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Concrete floor, bitumen adhesive residuals below screed and 2 x layers of vinyl floor covering, plasterboard partition walls, 600 x 600 mineralite ceiling tiles on metal grid with florescent light fittings with textured coating to plasterboard ceiling above, ceramic cistern. No other suspect ACMs identified during survey of this area.												
1.06 Store room	DS	Floor - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	6m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals, solid and plasterboard partition walls, plasterboard ceiling, metal ductwork with foil flexi hosings and mmmf lagging. No other suspect ACMs identified during survey of this area.												
1.07 Cupboard	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	2m ²	Medium	Fair	1	1	0	1	3	Action Required
		Other Information - Concrete floor, bitumen adhesive residuals, solid and plasterboard partition walls, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												
1.08 Stairwell	DS	Floor and staircase - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW4	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Further suspect ACMs identified during survey of this area continue on following page.												

5.1 Asbestos Register

Site: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

Surveyors: S. Warburton

Date of survey: 18th May 2023

5.1 Asbestos Register

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
1.08 Stairwell	DS	Floor below screed - Bitumen adhesive residuals	Refer to Sample 23/5/B/18/SAW5	Chrysotile	SP	1m ²	Medium	Fair	1	1	0	1	3	Action Required
		Staircase - Nose edgings	Refer to Sample 23/5/B/18/SAW3	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Concrete floor, vinyl floor covering bitumen adhesive residuals below screed, nose edgings to timber staircase, solid and plasterboard partition walls, with woodchip wallpaper, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												
2.01 Landing	DS	Floor - Vinyl floor covering	23/5/B/18/SAW7	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor, vinyl floor covering, solid and plasterboard partition walls, with woodchip wallpaper, plasterboard ceiling with strammit board ceiling above, wall mounted 'Worcester' boiler with metal flue pipe. No other suspect ACMs identified during survey of this area.												
2.02 Kitchen	DS	Sink - Sink pad	23/5/B/18/SAW8	No Asbestos Detected	C	-	-	-	-	-	-	-	-	-
		Floor - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW7	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor, vinyl floor covering, solid plastered walls with woodchip wallpaper, ceramic wall tiles to splash backs plasterboard ceiling with strammit board ceiling above. No other suspect ACMs identified during survey of this area.												
2.03 Toilet	DS	Wall - Thermoplastic cistern	23/5/B/18/SAW9	Amosite	C	1 Item	High	Fair	1	1	0	2	4	Action Required
		Other Information - Further suspect ACMs identified during survey of this area continue on following page.												

5.1 Asbestos RegisterSite: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1ABSurveyors: S. WarburtonDate of survey: 18th May 2023**5.1 Asbestos Register**

Location (refer to plan)	Survey Type ¹	Material Description	Sample Numbers	Asbestos Type ²	Analysis level ³	Quantity ⁴	Access ⁵	Condition	Risk Assessment Scores ⁶					Re-inspection Period ⁷
									M	D	S	A	Total	
2.03 Toilet	DS	Floor - Vinyl floor covering	Refer to Sample 23/5/B/18/SAW7	No Asbestos Detected	SP	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor, vinyl floor covering, solid plastered walls, plasterboard ceiling, timber riser containing cast metal down pipe, thermoplastic toilet cistern. No other suspect ACMs identified during survey of this area.												
2.04 Office	DS	No visible suspect asbestos containing materials identified.	-	-	-	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor, solid and plasterboard partition walls, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												
2.05 Office	DS	No visible suspect asbestos containing materials identified.	-	-	-	-	-	-	-	-	-	-	-	-
		Other Information - Timber floor, solid and plasterboard partition walls, plasterboard ceiling. No other suspect ACMs identified during survey of this area.												

5.2 RECOMMENDATIONS

Recommendations made within this report and in the register are based primarily on the condition, type, location and extent of the material, as well as the considered observations of the surveyor carrying out the survey. All recommendations should be regarded as a minimum precaution, and additional remedial measures or complete asbestos removal should also be considered.

Location	G.01 Shop area - Floor below screed, G.02 Cupboard - Floor below screed, G.03 Customer toilet - Floor below screed, G.04 Service counter - Floor below screed, G.05 Rear circulation - Floor below screed, G.06 Cleaner's cupboard - Floor below screed, G.07 Staff toilet - Floor below screed, 1.01 Landing - Floor below screed, 1.02 Circulation - Floor below screed, 1.03 Cupboard - Floor below screed, 1.05 Toilet and lobby - Floor below screed, 1.06 Store room - Floor, 1.07 Cupboard - Floor below screed, 1.08 Stairwell - Floor below screed
Items and Content	Bitumen adhesive residuals containing Chrysotile
Sample Number	23/5/B/18/SAW1, 23/5/B/18/SAW5
Condition	Fair
Recommendation	These materials should be removed and disposed of prior to demolition commencing by suitably trained and equipped personnel only, working under the guidance of a safe working procedure and in accordance with the requirements of The Control of Asbestos Regulations 2012 and The Hazardous Waste (England and Wales) Regulations 2005 (as amended in 2009).
Location	2.03 Toilet - Wall
Items and Content	Thermoplastic cistern containing Amosite
Sample Number	23/5/B/18/SAW9
Condition	Fair
Recommendation	These materials should be removed and disposed of prior to demolition commencing by suitably trained and equipped personnel only, working under the guidance of a safe working procedure and in accordance with the requirements of The Control of Asbestos Regulations 2012 and The Hazardous Waste (England and Wales) Regulations 2005 (as amended in 2009).

Further Recommendations continued on following page.

Additional Recommendations

- As noted, other asbestos materials may be present that could not be accessed within the remit of this survey. Care should be taken during any works in areas identified as not accessible, with any additional suspect materials identified for subsequent analysis.
- Where the survey has been carried out for demolition purposes, it is strongly recommended that additional inspection is carried out at the time of demolition, in conjunction with the demolition contractor to identify any ACMs that could not conceivably have been accessed during the survey process.
- In accordance with the requirements of **The Control of Asbestos Regulations 2012**, all asbestos removal or remedial works and disposal of asbestos materials indicated, should be undertaken only by suitably trained personnel, working under the guidance of a safe working procedure and in accordance with the requirements of **CAR 2012** and **The Hazardous Waste (England and Wales) Regulations 2005**.
- As specified within CAR 2012, use of a **Licensed Asbestos Removal Contractor** is required to undertake remedial and removal works to some ACMs and these works will require a minimum 14 day notification period to the Health and Safety Executive.
- CAR 2012 also introduced a new category of work - **Notifiable Non-Licensed Works**. This category covers significant works to some non-licensed materials and requires electronic notification of the works. It also invokes additional requirements of the persons carrying out the works such as the need for medical surveillance. Whether remedial or removal works fall into this category will need to be decided on a case by case basis. Further guidance can be found on the HSE website.
- CAR 2012 also indicates that **all persons** *'whose work could foreseeably expose them to asbestos'* must have asbestos awareness training, provided by a certified training body or suitably competent person. APEC can provide this training.
- The Asbestos Essentials Task Manual gives guidance on a number of procedures involving non licensed materials or where the works are of sporadic nature and short duration. These procedures can be found at- www.hse.gov.uk/asbestos/essentials

6.0 RISK ASSESSMENTS AND PRIORITISATION SYSTEM

6.1 Material Risk Assessment

The risk assessments for asbestos materials identified in this survey are included in the asbestos register. The material risk assessment used by our surveyors is that indicated in HSG 264. This is based on an allocation of points, relating to the **condition, surface treatment, material type**, and **asbestos content** of the material, using an algorithm pro-forma. This risk assessment relates to the **material** only, and an additional **priority assessment** (see below), should be allocated to accommodate the likely use of the area and the potential for disturbance to the material. The material risk assessment point scores are based on the following examples;

Sample variable	Score	Examples
Product Type	1	Asbestos reinforced composites (plastics, resins, mastics, roofing felts, vinyl floor tiles, decorative finishes, asbestos cement etc).
	2	Asbestos insulating board, mill boards, paper cardboard and felts, asbestos textiles, gaskets and ropes.
	3	Thermal insulation, sprayed asbestos, loose fill asbestos, packing and mattresses
Extent of Damage/Deterioration	0	Good condition, no visible damage.
	1	Low damage, surface scratches or marks, broken edges on boards.
	2	Medium damage, significant breakage of materials, or several small damaged areas revealing visible fibre.
	3	High damage or delamination of materials with visible fibre and debris
Surface Treatment	0	Asbestos reinforced composites, plastics, vinyls etc.
	1	<i>Enclosed</i> sprays and laggings, painted or encapsulated AIB and asbestos cement
	2	Unsealed AIB or <i>encapsulated</i> lagging or sprays
	3	Unsealed lagging or spray asbestos
Asbestos Type	1	Chrysotile
	2	Amphibole asbestos types excluding Crocidolite
	3	Crocidolite

More complete guidance on the application of material risk assessment may be found in HSG 264

6.2 Priority Assessment

In addition to the above material assessment, as part of the management plan, a priority risk assessment should be carried out by the dutyholder, which should take into account the location of the material, its extent, the use of the location, occupancy, work activities and likelihood/frequency of maintenance activities.

Where we have been asked to provide Priority Assessment as part of the Survey and Report, any assessment made is outside of the scope of our UKAS accreditation, and the client should note that it is the responsibility of the Dutyholder to ensure that any priority assessment is accurate and up to date.

6.3 Materials Risk Assessment for Demolition Surveys

- 6.3.1 Where a Demolition survey has been carried out prior to demolition of an unoccupied property, all asbestos materials identified should be removed prior to or as part of the demolition process. In such instance, recommendations and Material Risk Assessments may be made for the purposes of operatives entering the property and are indicated in the Survey Results section of this report.

7.0 Site Plans and Photographs

7.1 Site plans (With asbestos sample and material locations)

7.2 Photographs

Report Ref: CH.23.5.237.LW

Section 7.1 Site Plans.

Site Address:

Former William Hill's Bookmakers
Blackburn Street
Radcliffe
M26 1AB

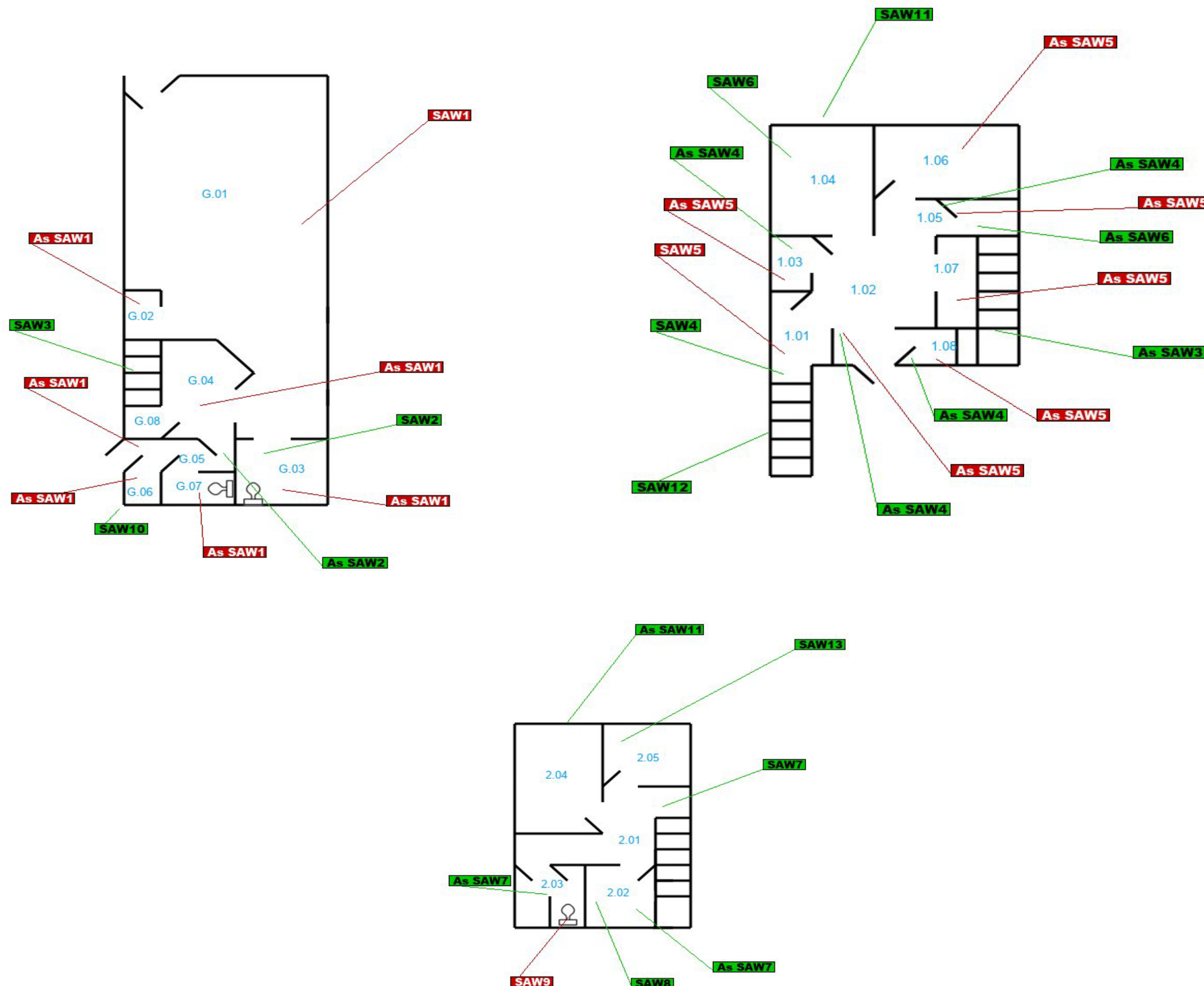
Location Reference: Ground, First & Second
Floors

Key to Site Plans:

Room Number / Location

Asbestos Containing Samples

None Asbestos Containing Samples



7.2 Photographs



Sample No: 23/5/B/18/SAW10
External
Damp proof course
Bitumen damp proof
No Asbestos Detected



Sample No: 23/5/B/18/SAW11
External
Window reveals
Bitumen vapour barrier
No Asbestos Detected



Sample No: 23/5/B/18/SAW12
External
Roof
Core sample
No Asbestos Detected



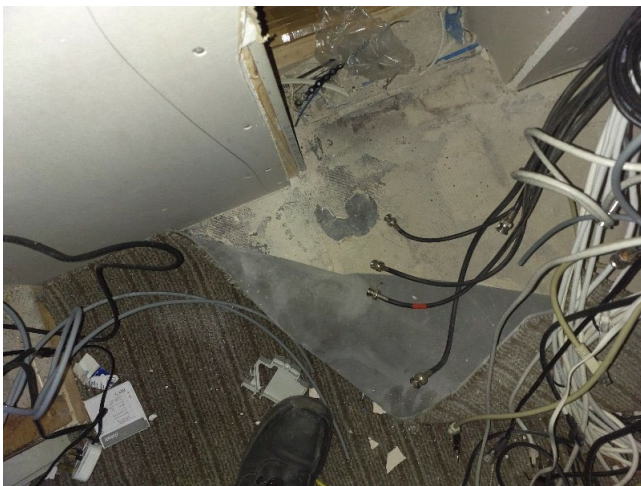
Sample No: 23/5/B/18/SAW13
External
Roof
Core sample
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW1
External
Window reveals
Bitumen vapour barrier
No Asbestos Detected



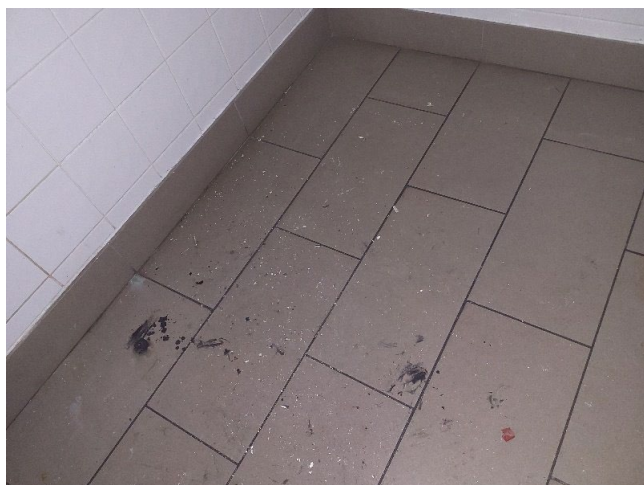
Sample No: 23/5/B/18/SAW1
G.01 Shop area
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



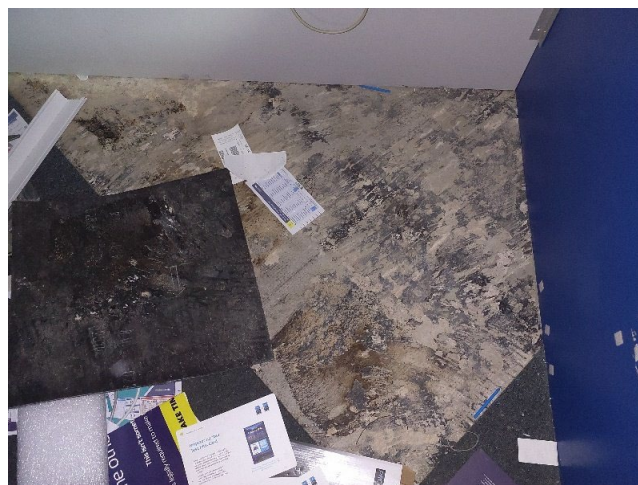
Sample No: Refer to Sample 23/5/B/18/SAW1
G.02 Cupboard
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: 23/5/B/18/SAW2
G.03 Customer toilet
Ceiling void
Textured coating to plasterboard ceiling
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW1
G.03 Customer toilet
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



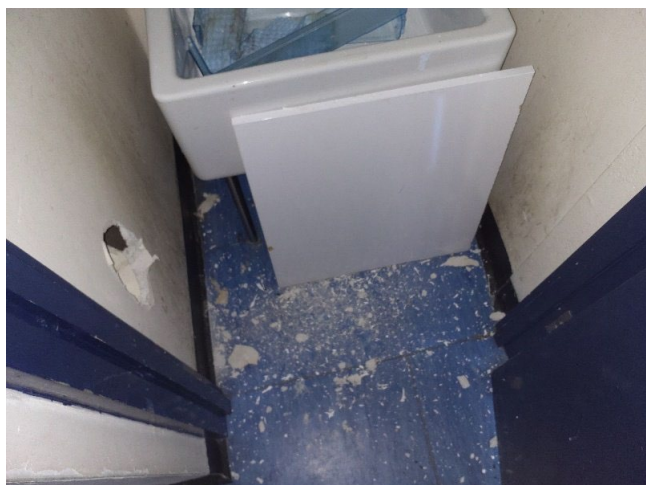
Sample No: Refer to Sample 23/5/B/18/SAW1
G.04 Service counter
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



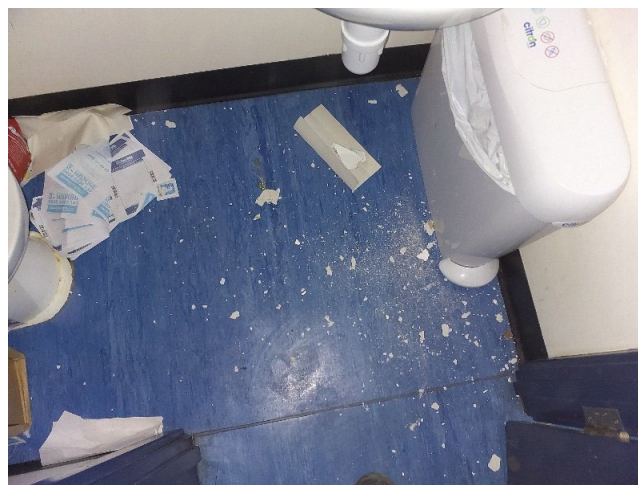
Sample No: Refer to Sample 23/5/B/18/SAW1
G.05 Rear circulation
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



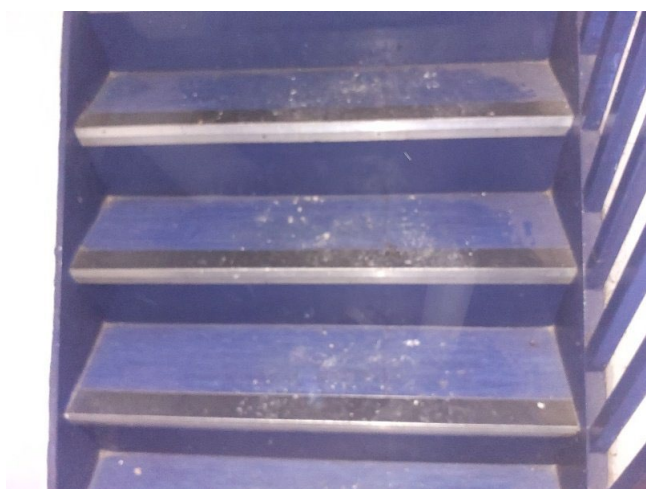
Sample No: Refer to Sample 23/5/B/18/SAW2
G.05 Rear circulation
Ceiling void
Textured coating to plasterboard ceiling
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW1
G.06 Cleaner's cupboard
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: Refer to Sample 23/5/B/18/SAW1
G.07 Staff toilet
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: 23/5/B/18/SAW3
G.08 Stairwell
Staircase
Nose edgings
No Asbestos Detected



Sample No: 23/5/B/18/SAW4
1.01 Landing
Bottom layer of floor covering
Vinyl floor covering
No Asbestos Detected



Sample No: 23/5/B/18/SAW5
1.01 Landing
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: Refer to Sample 23/5/B/18/SAW4
1.02 Circulation
Bottom layer of floor covering
Vinyl floor covering
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW5
1.02 Circulation
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: Refer to Sample 23/5/B/18/SAW4
1.03 Cupboard
Bottom layer of floor covering
Vinyl floor covering
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW5
1.03 Cupboard
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



Sample No: 23/5/B/18/SAW6
1.04 Staff kitchen
Ceiling void
Textured coating to plasterboard ceiling
No Asbestos Detected



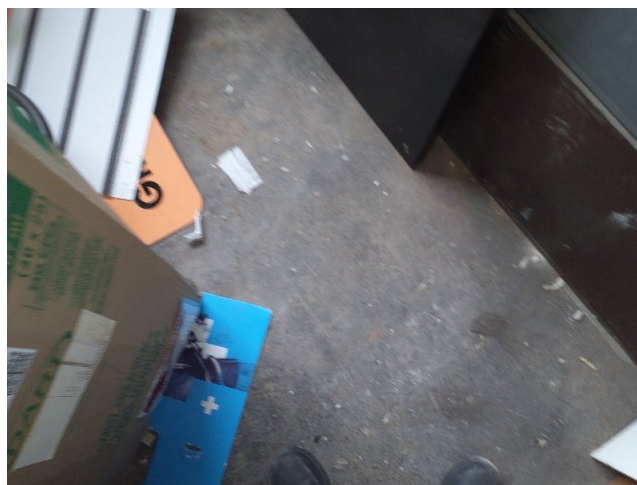
Sample No: Refer to Sample 23/5/B/18/SAW4
1.05 Toilet and lobby
Bottom layer of floor covering
Vinyl floor covering
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW5
1.05 Toilet and lobby
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



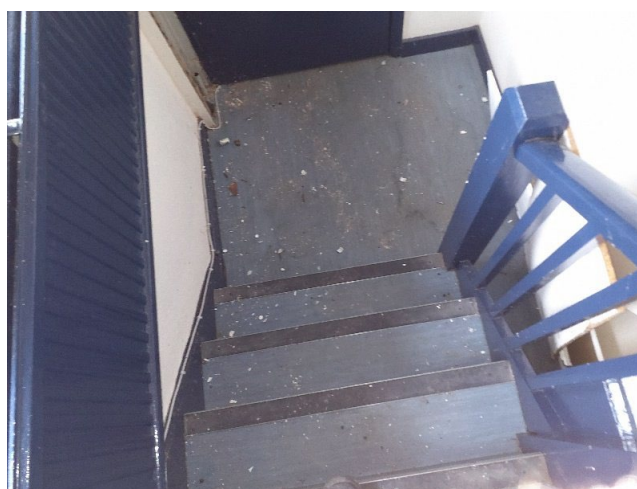
Sample No: Refer to Sample 23/5/B/18/SAW6
1.05 Toilet and lobby
Ceiling void
Textured coating to plasterboard ceiling
No Asbestos Detected



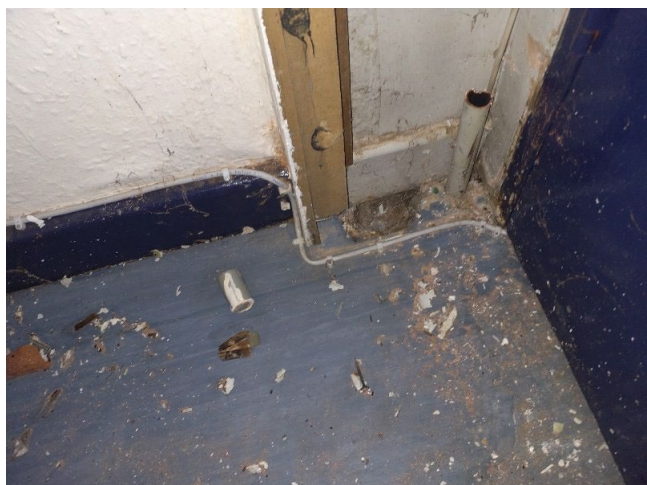
Sample No: Refer to Sample 23/5/B/18/SAW5
1.06 Store room
Floor
Bitumen adhesive residuals containing:
Chrysotile



Sample No: Refer to Sample 23/5/B/18/SAW5
1.07 Cupboard
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



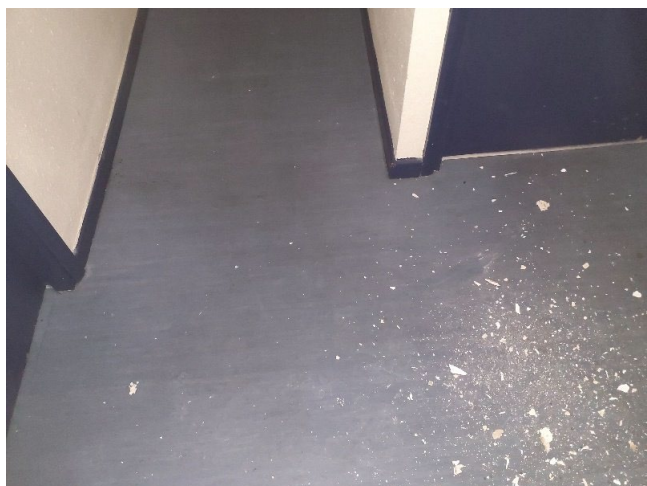
Sample No: Refer to Sample 23/5/B/18/SAW4
1.08 Stairwell
Floor and staircase
Vinyl floor covering
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW5
1.08 Stairwell
Floor below screed
Bitumen adhesive residuals containing:
Chrysotile



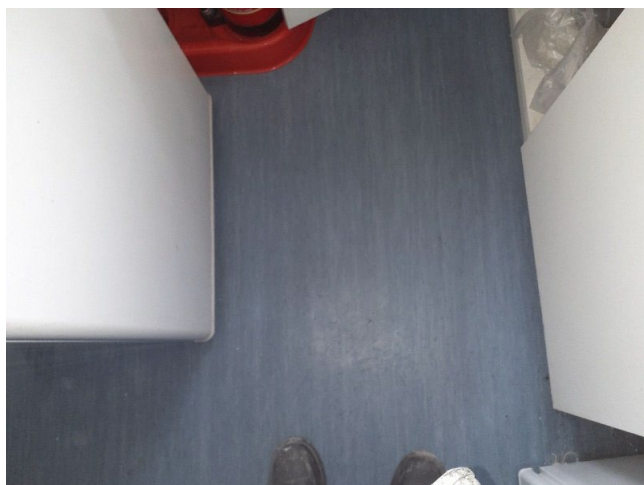
Sample No: Refer to Sample 23/5/B/18/SAW3
1.08 Stairwell
Staircase
Nose edgings
No Asbestos Detected



Sample No: 23/5/B/18/SAW7
2.01 Landing
Floor
Vinyl floor covering
No Asbestos Detected



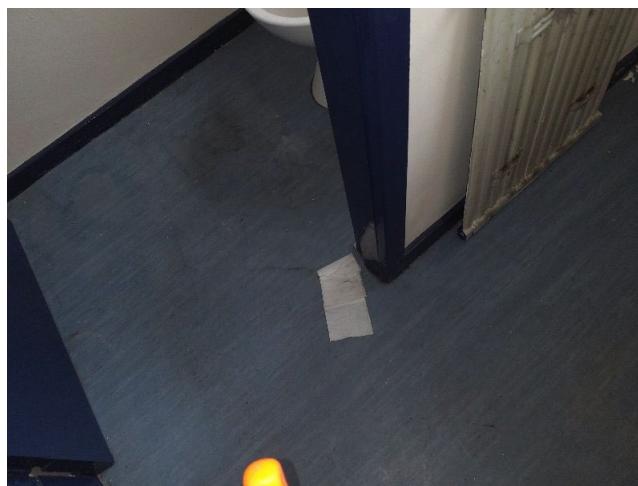
Sample No: 23/5/B/18/SAW8
2.02 Kitchen
Sink
Sink pad
No Asbestos Detected



Sample No: Refer to Sample 23/5/B/18/SAW7
2.02 Kitchen
Floor
Vinyl floor covering
No Asbestos Detected



Sample No: 23/5/B/18/SAW9
2.03 Toilet
Wall
Thermoplastic cistern containing:
Amosite



Sample No: Refer to Sample 23/5/B/18/SAW7
2.03 Toilet
Floor
Vinyl floor covering
No Asbestos Detected

19 May 2023

Bury Metropolitan Borough Council
Town Hall
Knowsley Street
Bury
BL9 0SW

FOR THE ATTENTION OF: David Winterbottom

CERTIFICATE OF BULK SAMPLE ANALYSIS

DOCUMENT NUMBER: CH.23.5.236.LW

SITE ADDRESS: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

SITE LOCATION: Demolition Survey Throughout

SAMPLES TAKEN BY APEC: S. Warburton

ON: 18th May 2023

SAMPLES ANALYSED BY APEC: P. Keeling

ON: 19th May 2023

Sample Number	Sample Location and Description	Asbestos Content
23/5/B/18/SAW1	G.01 - Floor below screed Bitumen adhesive residuals	Chrysotile
23/5/B/18/SAW2	G.03 - Ceiling void Textured coating to plasterboard ceiling	No Asbestos Detected
23/5/B/18/SAW3	G.08 - Staircase Nose edgings	No Asbestos Detected
23/5/B/18/SAW4	1.01 - Bottom layer of floor covering Vinyl floor covering	No Asbestos Detected
23/5/B/18/SAW5	1.01 - Floor below screed Bitumen adhesive residuals	Chrysotile

DOCUMENT NUMBER: CH.23.5.236.LW

SITE ADDRESS: Former William Hill's Bookmakers, Blackburn Street, Radcliffe M26 1AB

SITE LOCATION: Demolition Survey Throughout

SAMPLES TAKEN BY APEC: S. Warburton

ON: 18th May 2023

SAMPLES ANALYSED BY APEC: P. Keeling

ON: 19th May 2023

Sample Number	Sample Location and Description	Asbestos Content
23/5/B/18/SAW6	1.04 - Ceiling void Textured coating to plasterboard ceiling	No Asbestos Detected
23/5/B/18/SAW7	2.01 - Floor Vinyl floor covering	No Asbestos Detected
23/5/B/18/SAW8	2.02 - Sink Sink pad	No Asbestos Detected
23/5/B/18/SAW9	2.03 - Wall Thermoplastic cistern	Amosite
23/5/B/18/SAW10	External - Damp proof course Bitumen damp proof	No Asbestos Detected
23/5/B/18/SAW11	External - Window reveals Bitumen vapour barrier	No Asbestos Detected
23/5/B/18/SAW12	External - Roof Core sample	No Asbestos Detected
23/5/B/18/SAW13	External - Roof Core sample	No Asbestos Detected

DOCUMENT NUMBER: CH.23.5.236.LW**NOTES:**

If asbestos is present in the material which the sample represents, and if this material is to be removed or otherwise disturbed, then safety precautions must be taken in accordance with the Control of Asbestos Regulations 2012 and amendments, in addition to relevant Health and Safety Executive (HSE) Codes of Practice.

Chrysotile - **WHITE** asbestos

Amosite - **BROWN** asbestos

Crocidolite - **BLUE** asbestos

Other less common types of asbestos are fibrous **actinolite**, **anthophyllite** and **tremolite**, which for legislative purposes must be treated similar to amosite.

Estimates of concentration are outside the scope of our UKAS Accreditation and the method of analysis employed. However, further guidance on typical percentages of asbestos used in various products is available within HSG 264, published by the HSE. Where only a small number of asbestos fibres have been found in a sample, and the sample matrix is not an ACM, the analysis result may be recorded as '**Trace**'.

Where floor tiles or floor coverings have been analysed, asbestos may be found in the bitumen adhesive used to fix these products. If asbestos has been found in the bitumen layer only, the analysis result may be recorded as '**in bitumen only**'.

The results quoted in this report relate to the contents of the sample(s) analysed, and do not necessarily relate to the whole material from which the sample(s) were taken. Opinions and interpretations, including the material description of the bulk sample, are outside of our UKAS accreditation.

Methods of Sampling and Analysis

All bulk samples were collected using our documented in house method QCRF2, OH3 based upon methods in the HSE publication HSG 248 (Edition 2) - Asbestos: The Analysts' Guide Any deviation from these sampling methods is recorded and reported separately.

Any deviations from the above methods are detailed below:

Material sampled	Details of Sampling strategy adopted	Client Agreed(Y/N)

All bulk samples were analysed in accordance with documented in-house method QCRF2, OH4, based upon methods in the HSE publication HSG 248 (Edition 2) - Asbestos: The Analysts' Guide. Samples are subjected to initial stereo microscope examination to determine the presence of fibre, accompanied by mechanical and / or chemical treatment to release fibres from the sample matrix. Fibres are then analysed using polarised light microscopy techniques, including central stop dispersion staining, to confirm asbestos type. Following analysis samples are retained for a minimum of six months prior to disposal.

Reproduction

This certificate shall not be reproduced, other than in full, without the written approval of APEC Environmental Ltd.

On behalf of APEC Environmental Limited

Samples Analysed By;
Signed



P. Keeling, Operations Director

Report Authorised By;
Signed



P. Keeling, Operations Director