

Merryhill Asbestos Testing and Consulting Limited

Asbestos Refurbishment/Demolition Survey for

Jacobs Foreman Developments Ltd

at

Land South of Ranelagh Road

Havant

Hants

PO9 1NR



371

Project Number: S1710C

Printed: 27/5/2014 By: Merryhill Asbestos Testing and Consulting Limited. Using Multibase software.



Merryhill Asbestos Testing and Consulting Limited

Names and Addresses

Client Name:

Jacobs Foreman Developments Ltd

Unit 1 Station Industrial Park

Duncan Road Park Gate

Southampton

Hants

SO31 1BX

Contact: Dan Foreman

Phone: 0845 4507716

Fax: 0845 4507742

Instructing Party:

Jacobs Foreman Developments Ltd

Unit 1 Station Industrial Park

Duncan Road Park Gate

Southampton

Hants

SO31 1BX

Contact: Dan Foreman

Phone: 0845 4507716

Fax: 0845 4507742

Site Full Name:

Land South of Ranelagh Road

Havant

Hants

PO9 1NR

Contact: Dan Foreman

Phone: 0845 4507716 Option 4 Fax:

Report Author:

Merryhill Asbestos Testing and Consulting Limited

Merryhill House

Budds Lane

Romsey

Hampshire

SO51 0HA

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Surveyor

Steve Wyatt
Surveyor

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Merryhill Asbestos Testing and Consulting Limited	Project Number:	S1710C
	Survey Date:	20 May 2014
	Printed On:	27 May 2014
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SECTION ONE

SURVEY OBJECTIVES

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Survey Objectives

- 1 Produce a report, in a database format, indicating areas containing identified and suspected asbestos based materials, including photographic records of asbestos occurrences where possible.
- 2 To carry out a Refurbishment/Demolition Survey to ascertain the presence of asbestos based materials.
Survey Scope Confirmation - The scope, as confirmed by the client, is Demolition survey as the site is due for demolition.
- 3 The survey report will indicate areas containing identified and suspected ACM's, especially those requiring urgent attention, including photographs of sample points where practicable and give recommendations for their disposal/management in accordance with current legislation.

To include a risk assessment for each individual Sample.
- 4 Carry out a Refurbishment/Demolition Survey in accordance with HSE publication HSG264.

If the site is to be demolished the report will help the client to comply with the Construction (Design and Management) Regulations.

If the site is for partial refurbishment or works such as new cable runs being installed the same applies as above.

A Refurbishment/Demolition Survey involves making holes in surfaces and Merryhill Asbestos Testing and Consulting Ltd will not make them good nor clean-up any arisings since it is expected that the areas will be empty and ready for the refurbishment works to be commenced.
- 5 The object of the survey is to locate any ACM's and give recommendations for their disposal in accordance with current legislation.

The report will indicate areas containing identified and suspected ACM's including photographs of sample points where practicable.

If any area has not been surveyed it MUST be presumed to contain asbestos until such time as proven to the contrary.
- 6 The survey report will contain plans of the building provided by Merryhill Asbestos Testing and Consulting Ltd.

Areas may have been renamed for the purposes of the survey if so, they will be clearly marked.

Plans prepared by Merryhill Asbestos Testing and Consulting Ltd are not to scale and should be treated as rough sketches to provide general location references only.
- 7 This report only covers the areas for which a survey has been requested. If ACM's are present in other areas, no matter how obvious, they may not be recorded in the survey.

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SECTION TWO

SURVEY TECHNIQUES

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Survey Techniques

- 1 Materials of a similar type were only occasionally sampled and it was assumed that other surfaces identical to where the sample was taken, was of a similar composition.
- 2 Photographs were taken at all of the sample locations (unless otherwise stated).
- 3 All samples will be sent to a laboratory for bulk analysis. Merryhill Asbestos Testing & Consulting Ltd do not hold UKAS accreditation for bulk analysis. This service is provided by a third party company who hold UKAS accreditation to ISO17025 for bulk analysis.
- 4 All Asbestos Bulk Sample Analysis is conducted by using Polarised Light and Dispersion Staining Techniques. Dispersion Staining is used to describe the colour effects produced when a transparent colourless particle or fibre is immersed in a liquid having a refractive index near to that of the particle or fibre, and is viewed under a microscope using transmitted white light (based on publication HSG264).
- 5 Previous asbestos removal works.

Works undertaken more than ten years ago will not have been carried out to the standards of today and debris should be expected, albeit in possibly small amounts, below new coverings such as insulation in plant rooms.

It is not always possible or practical, even with a Pre-Demolition/Major Refurbishment survey to locate these areas.

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SECTION THREE

SURVEY CAVEAT

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Survey Caveat

- 1 During the course of the survey all reasonable efforts were made to identify the physical presence of Asbestos Containing Materials (ACM's) within all normally accessible areas of the building.

The findings and opinions expressed within this report are relevant to the date of site visit and should not be relied upon to represent conditions at later dates.

Opinions included herein are based on information gathered during the site visit and from our experience. All measurements are based on pacing out the area (s) and are used for the purpose of surveying. Therefore the sizes stated are approximate.

- 2 Where suspect ACM's prevented further access to areas i.e. above artex ceiling, the investigation was halted.

In any area where there is more than one 'layer' of asbestos only the outer layer will have been sampled or accessed.

Always presume that there maybe an ACM behind a sampled material.

- 3 If additional information becomes available which may affect our comments, conclusions or recommendations Merryhill Asbestos Testing and Consulting Ltd reserves the right to review the information, reassess any new, potential concerns and modify our options accordingly.

- 4 It is known that ACM's are frequently concealed within fabric of buildings i.e. shuttering to windows or within sealed building voids so it is not always possible to regard the findings of the survey as being definitive.

It must always remain a possibility that further ACM's may be found during refurbishment or demolition activities.

Whilst every effort is made to locate all ACM's, no guarantees can be given in the respect.

- 5 Our liability for failure to detect all ACM's within the property (which gives rise to legal time/cost extension) be limited to ten times the survey contract value.

Our Professional Indemnity Insurance is limited to £1,000,000 (one million pounds).

- 6 Under the terms of UKAS Accreditation we are unable to include our Priority Assessment or Risk score within the scope of such Accreditation.

The findings are therefore purely the assessment of the Surveyor with, where possible, input from personnel on site.

- 7 Unless specifically stated to the contrary only the specified building has been surveyed. The site land around the building has not been surveyed.

ACM's in the areas not specified covered by this report are outside the scope of the survey.

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Merryhill Asbestos Testing and Consulting Limited

Survey Caveat

- 8 Survey reports are provided to and for the benefit of the Client exclusively.

Merryhill Asbestos Testing and Consulting Ltd shall not be liable to any third party who seeks to use this survey report.

Merryhill Asbestos Testing and Consulting Ltd accepts no responsibility or liability for the consequences of this survey report if it is used for a purpose other than that for which it was commissioned.

- 9 Mechanical and Electrical equipment and fittings such as electrical switches and boards, lift machinery, telecoms equipment and any items of plant will not be surveyed without either specific instruction to do so AND a 'Safe to Work' certificate.

All such items should be regarded as contaminated with asbestos and treated as such.

- 10 Future inspections of ACM's remaining in situ must be carried out by a competent person.

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SECTION FOUR

SURVEY NOTES

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Survey Notes

- 1 Whilst every effort was made to locate the ceiling panels, wall partitions and other panels, which may have been constructed from asbestos boarding, none other than those detailed were found. Some may have been missed due to repairs, alterations etc, where false and other finishes have been applied or where different specifications (including a possible mixture of asbestos and non-asbestos) panels have been used in the same area. Only by sampling each panel would the composition of all the materials be known. This was clearly not practical in terms of cost or time.
- 2 No air monitoring was carried out whilst the survey was undertaken and therefore care was taken not to cause disturbance of fibre or contamination of clean surfaces.
- 3 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. It should not be relied up onto represent conditions at a later date.
- 4 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.
- 5 The diagrams in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes
- 6 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 of criteria.
- 7 Equipment, machinery, ducting etc were not moved, opened up or examined for the purpose of this investigation except in the odd occasion where hatches were available.
- 8 Insurance for 'Work with Asbestos'

Any contractor employed by you to 'work with asbestos' should be able to provide the schedule to his employer's liability insurance as evidence of adequate insurance cover for 'work with asbestos materials'.

All contractors are required to possess Employers and Public Liability Insurance appropriate to their activities. In respect of insurance for asbestos related work, additional cover is required, and examination of the contractors insurance schedule will reveal the presence of this additional cover.
- 9 This survey report may not under and circumstances be used by a third party without express written permission of Merryhill Asbestos Testing and Consulting Ltd.

Merryhill Asbestos Testing and Consulting Ltd shall not be responsible for any loss, damage, expense or injury of any kind whatsoever, consequential to or otherwise arising out of or owing to any defects/deficiencies of any sort in the survey report; whether such defects or deficiencies are caused by the negligence of the company, its employees, agents or otherwise.
- 10 The survey was carried out on 20th May 2014 by AdrianLynn on behalf of Merryhill Asbestos Testing and Consulting Ltd, Merryhill House, Budds Lane, Romsey, SO51 0HA, as instructed by Dan Foreman of Foreman Homes Ltd.

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SECTION FIVE

EXCLUDED AREAS

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Excluded Areas

The Following rooms / areas could not be accessed during the survey. Asbestos Containing Materials (ACMs) should be deemed as being present in these areas until proven otherwise.

- 1 Left hand container - not accessible
- 2 Former allotment area - no safe access

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SECTION SIX

SURVEY SUMMARY

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Survey Summary

1 Asbestos Containing Materials (ACM's) were found in the following locations:-

Sample 4 - GF Barn - Cement debris to floor - Chrysotile

Sample 6 - GF External - Water tank - Chrysotile

2 Building Description

Stables

Metal corrugated roof and wall panels, wood framed structure, plywood, chipboard and MDF panels to walls, wooden stable doors, concrete floors.

Steel Portal

Steel-framed, corrugated metal and wood walls, cement debris spread within footprint of building.

Brick Structure

Brick walls, lathe and plaster ceiling, wood roof timbers, clay tiles spread around floor.

Containers

1no Chilled Unit - laminated walls and ceiling on wood with foam insulation.

Unit - metal wall and flooring.

Stable office

Wood wall and ceiling with fibreglass insulation between. Vinyl on floor under carpet. Textured coating to external walls.

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SECTION SEVEN

MATERIAL ASSESSMENT (PHOTO SMALL)

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Material assessment (Photo small)

Sorted by: Location ID

Site Address:	Land South of Ranelagh Road, Havant, Hants, PO9 1NR	Client Name:	Jacobs Foreman Developments Ltd
		Project Number:	S1710C

Area/ Floor/ Room/ Product:	External: Ground floor: Yard Office: Textured coating
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Inspection Date:	20/5/2014	Next Inspection:	Not Applicable	Survey Type:	RDS
Location ID:	18769	Location Ref:	1	Product Type:	NADIS
	Action:		No Action Required		
	Material Comments:		Textured coating to external walls		
	Damage:	NADIS			
	Treatment:	NADIS			
	Asbestos Type:	NADIS			
Identification:	Identified				
Quantity:	32m ²				

Material Risk Score:	0	Material Risk Band:	NADIS	Priority Risk Score:	N/A
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Area/ Floor/ Room/ Product:	External: Ground floor: Yard Office: Window Putty
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Inspection Date:	20/5/2014	Next Inspection:	Not Applicable	Survey Type:	RDS
Location ID:	18770	Location Ref:	2	Product Type:	NADIS
	Action:		No Action Required		
	Material Comments:				
	Damage:	NADIS			
	Treatment:	NADIS			
	Asbestos Type:	NADIS			
Identification:	Identified				
Quantity:	3.5 linear metres				

Material Risk Score:	0	Material Risk Band:	NADIS	Priority Risk Score:	N/A
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Area/ Floor/ Room/ Product:	Internal: Ground floor: Yard Office: Vinyl Flooring
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Inspection Date:	20/5/2014	Next Inspection:	Not Applicable	Survey Type:	RDS
Location ID:	18771	Location Ref:	3	Product Type:	NADIS
	Action:		No Action Required		
	Material Comments:		Vinyl under carpet		
	Damage:	NADIS			
	Treatment:	NADIS			
	Asbestos Type:	NADIS			
Identification:	Identified				
Quantity:	12m ²				

Material Risk Score:	0	Material Risk Band:	NADIS	Priority Risk Score:	N/A
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Merryhill Asbestos Testing and Consulting Limited

Material assessment (Photo small)

Sorted by: Location ID

Site Address:

Land South of Ranelagh Road, Havant, Hants, PO9 1NR

Client Name:

Jacobs Foreman Developments Ltd

Project Number:

S1710C

Area/ Floor/ Room/ Product:

External: Ground floor: Barn: Cement Debris

Inspection Date:

20/5/2014

Next Inspection:

19/11/2014

Survey Type:

RDS

Location ID:

18772

Location Ref:

4

Product Type:

Asbestos cement

Damage:

High damage

Treatment:

Asbestos cement sheets etc

Asbestos Type:

Chrysotile

Identification:

Identified

Quantity:

approx 250m²



Action:

Removal under HSE guidelines

Material Comments:

Cement debris spread over internal footprint of building

Material Risk Score:

6

Material Risk Band:

Low Risk

Priority Risk Score:

N/A

Area/ Floor/ Room/ Product:

Internal: Ground floor: Stables: Ceiling tiles

Inspection Date:

20/5/2014

Next Inspection:

Not Applicable

Survey Type:

RDS

Location ID:

18773

Location Ref:

5

Product Type:

NADIS

Damage:

NADIS

Treatment:

NADIS

Asbestos Type:

NADIS

Identification:

Identified

Quantity:

12m²



Action:

No Action Required

Material Comments:

Material Risk Score:

0

Material Risk Band:

NADIS

Priority Risk Score:

N/A

Area/ Floor/ Room/ Product:

External: Ground floor: External: Water tank

Inspection Date:

20/5/2014

Next Inspection:

20/5/2015

Survey Type:

RDS

Location ID:

18774

Location Ref:

6

Product Type:

Asbestos cement

Damage:

Low damage

Treatment:

Asbestos cement sheets etc

Asbestos Type:

Chrysotile

Identification:

Identified

Quantity:

1no



Action:

Removal under HSE guidelines

Material Comments:

On floor outside stables

Material Risk Score:

4

Material Risk Band:

Very Low Risk

Priority Risk Score:

N/A

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Material assessment (Photo small)

Sorted by: Location ID

Site Address:

Land South of Ranelagh Road, Havant, Hants, PO9 1NR

Client Name:

Jacobs Foreman Developments Ltd

Project Number:

S1710C

Area/ Floor/ Room/ Product:

Internal: Ground floor: Fridge Unit: Vinyl Flooring

Inspection Date:

20/5/2014

Next Inspection:

Not Applicable

Survey Type:

RDS

Location ID:

18775

Location Ref:

7

Product Type:

NADIS

Damage:

NADIS

Treatment:

NADIS

Asbestos Type:

NADIS

Identification:

Identified

Quantity:

10m²



Action:

No Action Required

Material Comments:

Material Risk Score:

0

Material Risk Band:

NADIS

Priority Risk Score:

N/A

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Material Assessment and Algorithm

The material assessment is an assessment of the condition of the ACM, or the presumed ACM, and the likelihood of fibres being released if disturbed. This material assessment will give an initial guide to the priority for management, as it will identify the materials, which will most readily release airborne fibres if disturbed.

HSG264 recommends the use of an algorithm to carry out material assessments. Scores are then totaled to give a material assessment score. The use of algorithms is not infallible, but the assessment process is clear for all to see, so if discrepancies arise, it should be possible to back track through the assessment process to find the root of the error.

The four parameters considered within HSG264 are:

1. Product type
2. Extent of damage
3. Surface treatment
4. Asbestos type

Each of the parameters is scored and added to give a total score between 2 and 12.

- High risk: 10 or more
- Medium risk: between 7 and 9
- Low risk: between 5 and 6
- Very low risk: 4 or less

Product Type	Risk Score
Plastics, resins, mastics, roofing felts, vinyl floor tiles, semi rigid paints, decorative finishes, asbestos cement	1
AIB, mill boards, low density insulation boards, asbestos textiles, asbestos paper and felt	2
Thermal insulation, pipe and boiler lagging, sprayed asbestos, loose asbestos, asbestos mattresses and packing	3

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Damage Assessment	Risk Score
NADIS, good condition/ no visible damage	0
Low damage	1
Medium damage	2
High damage	3

Treatment Assessment	Risk Score
NADIS, composite materials, reinforced plastics, resins, vinyl tiles	0
Enclosed sprays, AIB and untreated AC	1
Sealed AIB, encapsulated lagging and spray coating	2
Unsealed lagging and spray	3

Asbestos Type	Risk Score
NADIS (no asbestos detected in sample)	0
Chrysotile	1
Actinolite, Amosite, Anthophyllite, Chrysotile/Amosite, Tremolite	2
Crocidolite, Amosite/Chrysotile/Crocidolite, Chrysotile/Crocidolite, Crocidolite/Amosite	3

Risk Scores:

1 = low
2 = medium
3 = high

AIB: asbestos insulation board

AC: asbestos cement

NADIS: no asbestos detected in sample

SECTION EIGHT

ASBESTOS REGISTER

Asbestos Register

Site Name: Land South of Ranelagh Road

Project Number: S1710C

Location	Product type and name		Extent	Accessibility	Condition	Surface treatment	Asbestos Type	Sample	Sample no	Material Risk Score	Priority Risk Score	Total Score
External, Ground floor, Barn	Asbestos cement	Cement Debris	approx 250m ²	Easy Accessibility	High damage	Asbestos cement sheets etc	Chrysotile	Identified	4	6		N/A
External, Ground floor, External	Asbestos cement	Water tank	1no	Easy Accessibility	Low damage	Asbestos cement sheets etc	Chrysotile	Identified	6	4		N/A

MATERIAL SCORES ABOVE 10 HAVE HIGH POTENTIAL TO RELEASE FIBRES

SECTION NINE

MATERIAL ASSESSMENT: SUMMARY BY RISK BAND

Material Assessment: Summary by Risk Band

Site Name: Land South of Ranelagh Road

Risk Band: Low Risk

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Floor	Room	Asbestos Type	Product Name	Material Risk Score	Priority Risk Score	Comments	Action	Survey Type
20/05/14	4	18772		External	Ground floor	Barn	Chrysotile	Cement Debris	6	N/A	Cement debris spread over internal footprint of building	Removal under HSE guidelines	RDS

Material Assessment: Summary by Risk Band

Site Name: Land South of Ranelagh Road

Risk Band: Very Low Risk

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Floor	Room	Asbestos Type	Product Name	Material Risk Score	Priority Risk Score	Comments	Action	Survey Type
20/05/14	6	18774		External	Ground floor	External	Chrysotile	Water tank	4	N/A	On floor outside stables	Removal under HSE guidelines	RDS

Material Assessment: Summary by Risk Band

Site Name: Land South of Ranelagh Road

Risk Band: NADIS

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Floor	Room	Asbestos Type	Product Name	Material Risk Score	Priority Risk Score	Comments	Action	Survey Type
20/05/14	1	18769		External	Ground floor	Yard Office	NADIS	Textured coating	0	N/A	Textured coating to external walls	No Action Required	RDS
20/05/14	2	18770		External	Ground floor	Yard Office	NADIS	Window Putty	0	N/A		No Action Required	RDS
20/05/14	7	18775		Internal	Ground floor	Fridge Unit	NADIS	Vinyl Flooring	0	N/A		No Action Required	RDS
20/05/14	5	18773		Internal	Ground floor	Stables	NADIS	Ceiling tiles	0	N/A		No Action Required	RDS
20/05/14	3	18771		Internal	Ground floor	Yard Office	NADIS	Vinyl Flooring	0	N/A	Vinyl under carpet	No Action Required	RDS

SECTION TEN

MATERIAL ASSESSMENT: SUMMARY BY ASBESTOS TYPE

Material Assessment: Summary by Asbestos Type

Site Name: Land South of Ranelagh Road

Asbestos Type: Chrysotile

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
20/05/14	4	18772		External	Ground floor	Barn	Cement Debris	6	Low Risk	N/A	Cement debris spread over internal footprint of building	Removal under HSE guidelines	RDS
20/05/14	6	18774		External	Ground floor	External	Water tank	4	Very Low Risk	N/A	On floor outside stables	Removal under HSE guidelines	RDS

Material Assessment: Summary by Asbestos Type

Site Name: Land South of Ranelagh Road

Asbestos Type: NADIS

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
20/05/14	1	18769		External	Ground floor	Yard Office	Textured coating	0	NADIS	N/A	Textured coating to external walls	No Action Required	RDS
20/05/14	2	18770		External	Ground floor	Yard Office	Window Putty	0	NADIS	N/A		No Action Required	RDS
20/05/14	7	18775		Internal	Ground floor	Fridge Unit	Vinyl Flooring	0	NADIS	N/A		No Action Required	RDS
20/05/14	5	18773		Internal	Ground floor	Stables	Ceiling tiles	0	NADIS	N/A		No Action Required	RDS
20/05/14	3	18771		Internal	Ground floor	Yard Office	Vinyl Flooring	0	NADIS	N/A	Vinyl under carpet	No Action Required	RDS

SECTION ELEVEN

MATERIAL ASSESSMENT SCHEDULE BY FLOOR

Material Assessment Schedule By Floor

Site Name: Land South of Ranelagh Road

Floor: Ground floor

Project Number: S1710C

Sample Date	Location Ref	Location ID	Drawing Reference	Area	Room	Asbestos Type	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
20/05/14	1	18769		External	Yard Office	NADIS	Textured coating	0	NADIS	N/A	Textured coating to external walls	No Action Required	RDS
20/05/14	2	18770		External	Yard Office	NADIS	Window Putty	0	NADIS	N/A		No Action Required	RDS
20/05/14	3	18771		Internal	Yard Office	NADIS	Vinyl Flooring	0	NADIS	N/A	Vinyl under carpet	No Action Required	RDS
20/05/14	4	18772		External	Barn	Chrysotile	Cement Debris	6	Low Risk	N/A	Cement debris spread over internal footprint of building	Removal under HSE guidelines	RDS
20/05/14	5	18773		Internal	Stables	NADIS	Ceiling tiles	0	NADIS	N/A		No Action Required	RDS
20/05/14	6	18774		External	External	Chrysotile	Water tank	4	Very Low Risk	N/A	On floor outside stables	Removal under HSE guidelines	RDS
20/05/14	7	18775		Internal	Fridge Unit	NADIS	Vinyl Flooring	0	NADIS	N/A		No Action Required	RDS

SECTION TWELVE

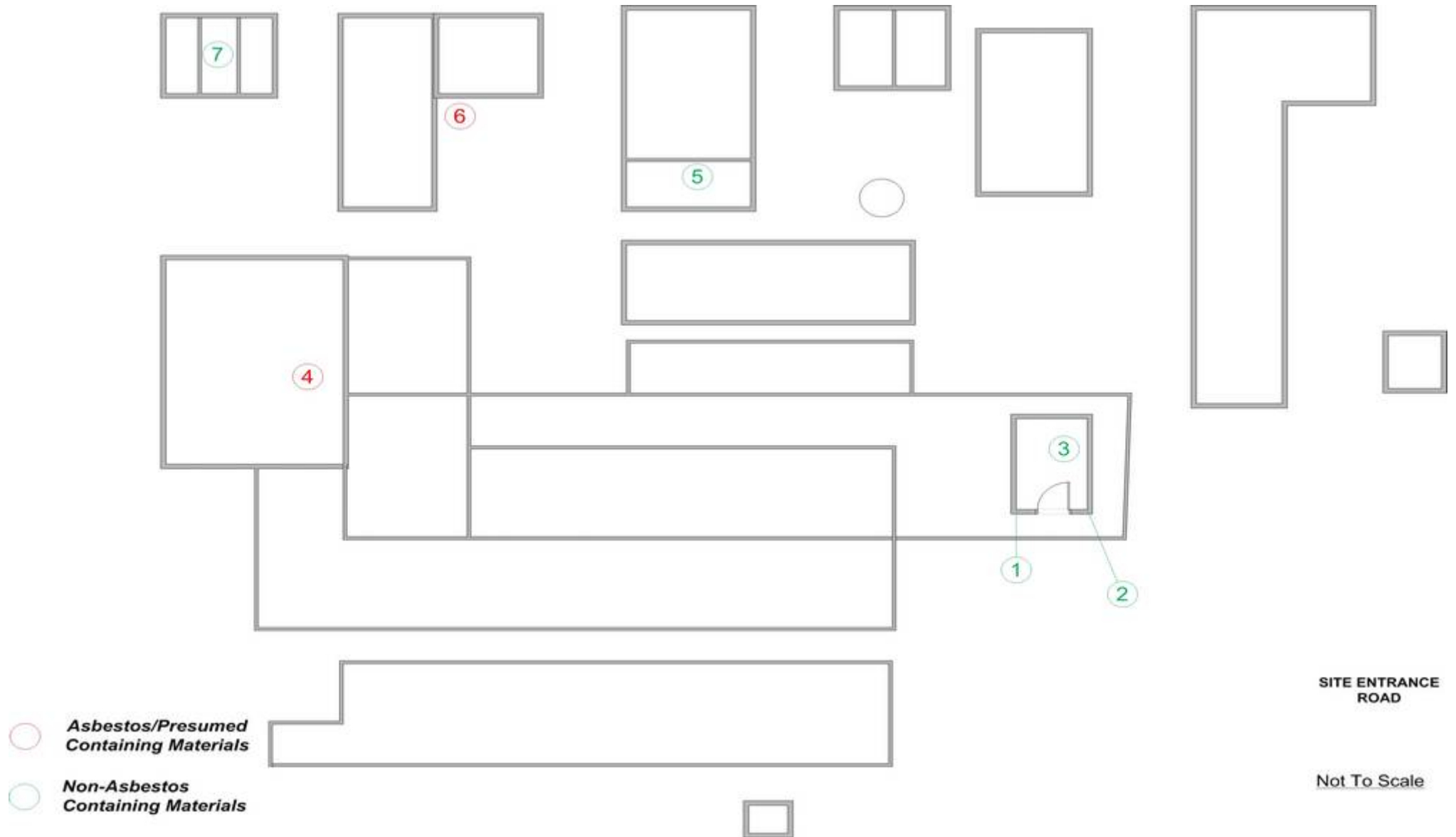
SURVEY DRAWINGS

Merryhill Asbestos Testing and Consulting Limited



Survey Drawings and Documentation

Project Number: S1710C



SECTION THIRTEEN

BULK CERTIFICATE

Merryhill Asbestos Testing and Consulting Limited

Bulk Certificate

Project Number: S1710C



Our Ref: J050982 FI: 7
Your Ref: S1710c
Date: 22/05/2014

ENVIROCHEM
Analytical Laboratories Ltd.
12 The Gardens
Broadcut, Fareham
Hampshire
PO16 8SS



1227
Tel: (01329) 287777
Fax: (01329) 287755
www.envirochem.co.uk
office@envirochem.co.uk

Asbestos Fibre Identification Report

Client: Merryhill Asbestos Testing & Consultancy
Merryhill House, Budds Lane, Romsey, Hampshire, SO51 0HA
Site Address: Land South of Ranelagh Road, Havant,
Sampled By: Merryhill Asbestos Testing & Consultancy
Date sampled/received: 21st May 2014
Date analysed: 22nd May 2014
Analyst/s: Magdalena Jackson
Analysis Location: 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

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	BS207101	Ground floor. Yard office. External. Textured coating to walls	No	
2	BS207102	Ground floor. Yard office. Window putty	No	
3	BS207103	Ground floor. Yard office. Vinyl flooring under carpet	No	
4	BS207104	Ground floor. Barn. Cement debris to floor	Yes	Chrysotile

NOTES:

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

Reg. No. 2378228 England. Registered Office: Envirochem, 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS.

Merryhill Asbestos Testing and Consulting Limited

Bulk Certificate

Project Number:

S1710C



Our Ref: J050982 FI: 7
Your Ref: S1710c
Date: 22/05/2014

ENVIROCHEM
Analytical Laboratories Ltd.
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Hampshire
PO16 8SS



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www.envirochem.co.uk
office@envirochem.co.uk

Asbestos Fibre Identification Report

Client: Merryhill Asbestos Testing & Consultancy
Merryhill House, Budds Lane, Romsey, Hampshire, SO51 0HA
Site Address: Land South of Ranelagh Road, Havant,
Sampled By: Merryhill Asbestos Testing & Consultancy
Date sampled/received: 21st May 2014
Date analysed: 22nd May 2014
Analyst/s: Magdalena Jackson
Analysis Location: 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

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	BS207105	Ground floor. Stable. Ceiling tiles	No	
6	BS207106	Ground floor. External. Water tank	Yes	Chrysotile
7	BS207107	Ground floor. Fridge unit. Vinyl flooring	No	

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthrophyllite, 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: Magdalena Jackson

Reg. No. 2378228 England. Registered Office: Envirochem, 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS.

Merryhill Asbestos Testing and Consulting Limited

Relevant Legislation

The following is a list of some of the major legislation and regulations to be read and/or considered in conjunction with this survey:

1. Control of Asbestos Regulation 2012.
Published by HSE
2. Approved Code of Practice. The Managing and working with asbestos.
Published by HSE L143 (Second edition) Published 2013.
3. Asbestos The Analysts Guide for Sampling, Analysis and Clearance procedure.
Published HSE HSG248.
4. Asbestos The Licensed Contractors Guide.
Published by HSE HSG247.
5. Managing Asbestos in Premises.
Published by HSE HSG227.
6. Surveying, Sampling and Assessment of asbestos-containing materials.
Published by HSG 264
7. Health and Safety at Work Act 1974.
Published by HSE