

Normandie Analytical Services

Gwent Healthcare NHS Trust



***Asbestos Survey Report
No. 08B11735
Of
The Usk & Kemys Wards at
St Cadoc's Hospital
Cearleon
NP18 3XQ***

Prepared by: N. Griffiths

Date of Report: 02/05/08



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The Innovation Centre, Technology Drive,
Bridgend Science Park, Bridgend,
Mid Glamorgan, CF31 3NA.
Tel: 01656 660000 Fax: 01656 659988

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KEY

1.

EXECUTIVE SUMMARY

1.1 The following asbestos containing materials (A.C.M.) were found in the building.

Usk Ward

Location	Material	Asbestos type	Unique Identifier (Sample no. SP or P)
Usk Ward Room 95: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/02
Usk Ward Room 94: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/05
Usk Ward Room 93: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/06
Usk Ward Room 91: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/07
Usk Ward Room 90: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/08
Usk Ward Room 89: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/09
Room 89: Blue floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/10
Usk Ward Room 88: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/11
Usk Ward Room 87: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/12
Usk Ward Room 86: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/13
Usk Ward Room 85: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/14
Usk Ward Room 84: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/15
Usk Ward Room 71: Debris above false ceiling	Debris	Amosite (Brown) Chrysotile (White)	08B11735/18
Usk Ward Room 68: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/19
Usk Ward Room 69: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/21
Usk Ward Room 95: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/22

1.

EXECUTIVE SUMMARY

Usk Ward

Location	Material	Asbestos type	Unique Identifier (Sample no. SP or P)
Usk Ward Room 91: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/25
Usk Ward Room 90: Debris from above false ceiling (Close to window)	Debris	Chrysotile (White)	08B11735/26
Usk Ward Room 89: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/27
Usk Ward Room 88: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/28
Usk Ward Room 91: Board above false ceiling along external wall (Close to window)	Board	Amosite (Brown) Chrysotile (White)	08B11735/33
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 91	Cement	Chrysotile (White)	08B11735/34
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 88	Cement	Chrysotile (White)	08B11735/SP1
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 85	Cement	Chrysotile (White)	08B11735/SP2
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 84	Cement	Chrysotile (White)	08B11735/SP3
Usk Ward ground floor corridor: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/35
Usk Ward ground floor corridor: Blue replacement floor tiles outside room 79	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/36
Usk Ward Room 72: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/37



1.

EXECUTIVE SUMMARY

Kemys Ward

Location	Material	Asbestos type	Unique Identifier (Sample no. SP or P)
Kemys Ward Room 51: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/39
Kemys Ward Room 50: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/40
Kemys Ward Room 49: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/41
Kemys Ward Room 48: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/42
Kemys Ward Room 47: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/43
Kemys Ward Room 46: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/44
Kemys Ward Room 45: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/45
Kemys Ward Room 43: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/46
Kemys Ward Room 42: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/47
Kemys Ward Room 66: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/48
Kemys Ward Room 67: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/49
Kemys Ward Room 62: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/50
Kemys Ward Room 52: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/51
Kemys Ward corridor 100: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/52
Kemys Ward corridor 100: cement cladding to skylights adjacent room 49	Cement	Chrysotile (white)	08B11735/56

1.

EXECUTIVE SUMMARY

Kemys Ward

Location	Material	Asbestos type	Unique Identifier (Sample no. SP or P)
Kemys Ward corridor 100: cement cladding to skylights adjacent room 50	Cement	Chrysotile (white)	08B11735/SP4
Kemys Ward corridor 100: cement cladding to skylights adjacent room 51	Cement	Chrysotile (white)	08B11735/SP5
Kemys Ward corridor 100: cement cladding to skylights adjacent room 52	Cement	Chrysotile (white)	08B11735/SP6
Kemys Ward corridor 100: Blue marble floor tiles	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/57
Ground floor entrance lobby 38: Dark brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/59
Ground floor entrance lobby 38: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/60
Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/65

- 1.2 No further asbestos inclusions could be reasonably located within the confines of a type 3 survey as described by the U.K. Health and Safety Executive (HSE) document Methods of Determination of Hazardous Substances 100: "Surveying, Sampling and Assessment of Asbestos-Containing Materials" (MDHS 100).
- 1.3 Attention is drawn to the survey brief and the caveat for areas not included within the survey and for areas that could not be accessed for survey purposes.

2.

INTRODUCTION

2.1 Mr Dave Noble of Gwent Healthcare NHS Trust has commissioned Normandie Analytical Services to undertake an asbestos survey of The Usk and Kemys Wards at St Cadoc's Hospital, Caerleon, NP18 3XQ. It was requested by the client to carry out a type 3 survey on the following rooms of the wards.

Adult In Patient Ward

Room Number

UPK 0038	UPK 0039	UPK0053	UPK0061
UPK 0062	UPK0064 + UPK0054		UPK0064 (037 on door)
UPK 0067 (036 on door)		UPK 0069	UPK0070 (084 on door)
UPK 0071 (082 on door)		UPK 0072 (060 on door)	
UPK 0073	UPK 0076	UPK 0077 (065 on door)	
UPK 0079 9064 on door)		UPK 080	UPK 0081(063 on door)
UPK 0082	UPK 0083	UPK 0084 (066 on door)	
UPK 0085 (067 on door)		UPK 0086 (068 on door)	
UPK 0087 (069 on door)		UPK 0088 (070 on door)	
UPK 0089 (071 on door)		UPK 0090 (072 on door)	
UPK 0091 (073 on door)		UPK 0092 (074 on door)	
UPK 0093 (075 on door)		UPK 0094 (076 on door)	
UPK 0095 (077 on door)		UPK 0096	UPK 0097
UPK 0100		UPK 0101	

Kemys Day Hospital

Room number

UPK 0052 (051 on door)	UPK 0058	UPK 0055
UPK 0014 (032 on door)	UPK 0040 (032 on door)	
UPK 0041 (034 on door)	UPK 0042 (035 on door)	
UPK 0043 (042 on door)	UPK 0045 (044 on door)	
UPK 0050 (049 on door)	UPK 0051 (050 on door)	
UPK 0065 (033 on door)	UPK 0066 (031 on door)	
UPK 0046	UPK 0047 (046 on door)	
UPK 0048 (047 on door)	UPK 0049	

2.

INTRODUCTION

- 2.2 The survey was conducted by N. Griffiths, Lead Surveyor and A. Laidler/ E. Hunter, Assistant Surveyors for Normandie Analytical Services Ltd on the 28-30/04/08. All surveyors employed by Normandie Analytical Services Ltd are by virtue of their qualifications, training, and experience, competent to undertake Asbestos surveys and to give expert opinion on asbestos-related matters. Normandie Analytical Services Ltd is accredited by U.K.A.S. to undertake Bulk Sampling and Analysis, Air Sampling Fibre Counting and Asbestos Surveying.
- 2.3 This report gives a description of where the located asbestos inclusions are to be found. The report also gives a brief prioritisation of suspected risks associated with these asbestos inclusions. Written method statements are not included with this report. The survey undertaken was a type 3 survey as described in MHDS 100.
This type of survey is recommended by Normandie Analytical Services Ltd, where the client requires a sampling survey to confirm or refute the presence of asbestos-containing materials prior to demolition or refurbishment; and for the quantification of any asbestos containing material found.
- 2.4 Certain areas of the building are still not surveyed to type 3 standards as detailed in section 3.
- 2.5 Details of all the asbestos inclusions located are marked on plans made by the surveyor. It should be noted that the plans are not to scale and supplied by the client. The plans record detail of where each sample was taken for cross reference purposes.
- 2.6 This report is provided in accordance with the terms and conditions as previously supplied and agreed. It is prepared exclusively for the client and may not under any circumstances be used or relied upon by any third party.
- 2.7 Normandie Analytical can accept no responsibility for miss-interpretation of this report or failure by the client to provide correct and complete survey plan information as required by MDHS 100.



2.

INTRODUCTION

Surveyed by: Neil Griffiths

Signed

Date: 02.05.08

Technical review by: Teresa Lock

Signed

T-lock.

Date: 07.05.08



3.

SURVEY BRIEF AND CAVEAT

- 3.1 The survey was carried out in order that Gwent Healthcare NHS Trust can comply with its duties under The Health & Safety at Work Act 1974 whereby it has a duty to protect the health and Safety of its staff and that of other who may be affected by its undertaking. Furthermore by virtue of The Management of Health and Safety at Work Regulations 1992, Regulation 3 states "every employer shall make a suitable and sufficient assessment of the risks to health and safety of his employees to which they are exposed whilst they are at work and the risks to health and safety of persons not in his employment arising out of or in connection with the conduct by him of his undertaking." Furthermore Regulation 4 of the same indicates that the Employer must adequately record these risk assessments and have arrangements in place for carrying out the recommendations. In addition to the above the Employer has duties under the Control of Asbestos Regulations 2006 to assess the risks associated with working with asbestos and has a duty to prevent the spread of Asbestos.
- 3.2 The purpose of this survey was to locate and assess all practically accessible asbestos containing materials in the building, to assist the client in costing the removal of the asbestos prior to demolition and to comply with CDM regulations.
- 3.3 Normandie Analytical Services Ltd has a dedicated sampling protocol for the surveying of buildings for asbestos-containing materials. This is contained in the Laboratory Quality Manual.
- 3.4 The method used consists of a visual inspection of all areas by a trained and competent Asbestos Surveyor, and sampling of areas at the frequency stated in the sampling protocol, or at the Asbestos Surveyors' discretion.
- 3.5 All accessible areas were inspected except those listed in section 3.10 Photographs were taken of the sample points and can be found in the Survey Information Sheet section.



3.

SURVEY BRIEF AND CAVEAT

- 3.6 During the course of the survey, all reasonable efforts were made to identify the physical presence of asbestos-containing materials within the accessible areas of the building. Historically, asbestos-containing materials were frequently concealed within the fabric of buildings or within sealed building voids. Therefore, it is not possible to regard the findings of any asbestos survey as being definitive. There always remains a possibility that asbestos-containing materials may be found during refurbishment or demolition activities
- 3.7 Normandie Analytical Services Ltd would advise that the material was often used repetitively, such as fire protection in pipe penetrations and as gasket material on air conditioning ducting. Not all of these asbestos inclusions have been specifically identified in this survey. Caution must be used and asbestos must be suspected as present in every case.
- 3.8 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. 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.
- 3.9 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.
- 3.10 Where textured coatings exist within the building, our surveyors sample this material in accordance with our Technical Procedures Manual. On occasion however, due to the non homogenous nature of textured coatings, some samples will be found to contain Asbestos and some will not. Where only a few samples are found to be negative but the rest are positive and there is no physical (different Building) or visual difference then Normandie must assume for management purposes that all samples are presumed to be positive. If it is possible for the surveyor to find precise physical or visual differences between the positive and negative samples then they may be able to provide an adequate differentiation within the report.

Any type 2 survey previously conducted is designed for management of Asbestos under normal occupation of the building and should not be used if there is to be disturbance of the textured coatings.



3.

SURVEY BRIEF AND CAVEAT

- 3.11 Access could not be gained to several areas of the site and should be presumed to contain asbestos until proven otherwise:
- Voids above ceilings that would have entailed significant demolition activities.
 - Block work cavities and other building voids that would have entailed significant demolition.
 - Under floor drainage and sewerage services
 - Kemys Ward rooms 40 & 41 locked due to storage
 - Areas not listed on the Data Sheets
- 3.12 Normandie Analytical Services Ltd recommends that samples be taken of suspect materials which may be uncovered within the listed inaccessible areas or within the areas of the site which were not included in this survey.
- 3.13 For reasons set out in this report, the results cannot give an assurance that all asbestos-containing materials have been found and must not be thought to do so. This was a type 3 survey as described by MDHS 100
- 3.14 From the evidence of the inspections, and the sampling and analysis undertaken, it is clear that asbestos-containing materials are present in the areas detailed in this report.



3.

SURVEY BRIEF AND CAVEAT

- 3.15 The terms **strongly presumed** or **presumed** may appear in this report. These terms are used by experienced and competent Asbestos Surveyors upon visual inspection of material. These terms are defined in MHDS 100, section 11 as follows:
- i) **Strongly presumed** refers to material that through visual inspection, the Asbestos Surveyor has good reason to suspect that the material contains asbestos but no laboratory analysis has been undertaken as confirmation. For example: one gasket in a boiler room has been analysed to contain asbestos, thus it can be strongly presumed that all the gaskets contain asbestos.
 - ii) Material must be **presumed** to contain asbestos when there is insufficient evidence to suggest it is not an asbestos-containing material. For example: an area that is not assessable must be presumed to contain asbestos, as there is no evidence to prove that asbestos is not present.
- 3.16 No risk assessments were undertaken as this was a type 3 survey
- 3.17 Air monitoring was not undertaken during this survey and appropriate care was taken not to cause disturbance of fibre or contamination of clean surfaces.
- 3.18 Any person undertaking work within the buildings should be informed of the presence of asbestos. This briefing also applies to any other person associated with the site, including staff, sub-contractors and others.
- 3.19 This report has been written with reference to the various Guidance Notes issued and current at the date of this report and describes circumstances at the site on the date of the survey.

4.**RECOMMENDATIONS**

- 4.1 Normandie recommends that all asbestos containing materials noted in the Executive Summary be removed prior to the demolition of the building, to Control of Asbestos Regulations (2006).

Location	Material type	Asbestos type	Unique Identifier (Sample no. SP or P)	Recommendations
Usk Ward Room 95: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/02	Remove in accordance with CAR 2006
Usk Ward Room 94: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/05	Remove in accordance with CAR 2006
Usk Ward Room 93: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/06	Remove in accordance with CAR 2006
Usk Ward Room 91: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/07	Remove in accordance with CAR 2006
Usk Ward Room 90: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/08	Remove in accordance with CAR 2006
Usk Ward Room 89: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/09	Remove in accordance with CAR 2006
Room 89: Blue floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/10	Remove in accordance with CAR 2006
Usk Ward Room 88: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/11	Remove in accordance with CAR 2006
Usk Ward Room 87: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/12	Remove in accordance with CAR 2006
Usk Ward Room 86: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/13	Remove in accordance with CAR 2006



4.

RECOMMENDATIONS

Location	Material type	Asbestos type	Unique Identifier (Sample no. SP or P)	Recommendations
Usk Ward Room 84: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/15	Remove in accordance with CAR 2006
Usk Ward Room 71: Debris above false ceiling	Debris	Amosite (Brown) Chrysotile (White)	08B11735/18	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 68: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/19	Remove in accordance with CAR 2006
Usk Ward Room 69: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/21	Remove in accordance with CAR 2006
Usk Ward Room 95: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/22	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 91: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/25	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 90: Debris from above false ceiling (Close to window)	Debris	Chrysotile (White)	08B11735/26	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 89: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/27	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 88: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/28	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Usk Ward Room 91: Board above false ceiling along external wall (Close to window)	Board	Amosite (Brown) Chrysotile (White)	08B11735/33	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors



4.

RECOMMENDATIONS

Location	Material type	Asbestos type	Unique Identifier (Sample no. SP or P)	Recommendations
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 91	Cement	Chrysotile (White)	08B11735/34	Remove in accordance with CAR 2006
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 88	Cement	Chrysotile (White)	08B11735/SP1	Remove in accordance with CAR 2006
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 85	Cement	Chrysotile (White)	08B11735/SP2	Remove in accordance with CAR 2006
Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 84	Cement	Chrysotile (White)	08B11735/SP3	Remove in accordance with CAR 2006
Usk Ward ground floor corridor: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/35	Remove in accordance with CAR 2006
Usk Ward ground floor corridor: Blue replacement floor tiles outside room 79	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/36	Remove in accordance with CAR 2006
Usk Ward Room 72: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/37	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors
Kemys Ward Room 51: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/39	Remove in accordance with CAR 2006
Kemys Ward Room 50: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/40	Remove in accordance with CAR 2006
Kemys Ward Room 49: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/41	Remove in accordance with CAR 2006



4.

RECOMMENDATIONS

Location	Material type	Asbestos type	Unique Identifier (Sample no. SP or P)	Recommendations
Kemys Ward Room 48: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/42	Remove in accordance with CAR 2006
Kemys Ward Room 47: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/43	Remove in accordance with CAR 2006
Kemys Ward Room 46: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/44	Remove in accordance with CAR 2006
Kemys Ward Room 45: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/45	Remove in accordance with CAR 2006
Kemys Ward Room 43: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/46	Remove in accordance with CAR 2006
Kemys Ward Room 42: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/47	Remove in accordance with CAR 2006
Kemys Ward Room 66: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/48	Remove in accordance with CAR 2006
Kemys Ward Room 67: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/49	Remove in accordance with CAR 2006
Kemys Ward Room 62: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/50	Remove in accordance with CAR 2006
Kemys Ward Room 52: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/51	Remove in accordance with CAR 2006
Kemys Ward corridor 100: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/52	Remove in accordance with CAR 2006
Kemys Ward corridor 100: cement cladding to skylights adjacent room 49	Cement	Chrysotile (white)	08B11735/56	Remove in accordance with CAR 2006



4.

RECOMMENDATIONS

Location	Material type	Asbestos type	Unique Identifier (Sample no. SP or P)	Recommendations
Kemys Ward corridor 100: cement cladding to skylights adjacent room 50	Cement	Chrysotile (white)	08B11735/SP4	Remove in accordance with CAR 2006
Kemys Ward corridor 100: cement cladding to skylights adjacent room 51	Cement	Chrysotile (white)	08B11735/SP5	Remove in accordance with CAR 2006
Kemys Ward corridor 100: cement cladding to skylights adjacent room 52	Cement	Chrysotile (white)	08B11735/SP6	Remove in accordance with CAR 2006
Kemys Ward corridor 100: Blue marble floor tiles	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/57	Remove in accordance with CAR 2006
Ground floor entrance lobby 38: Dark brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/59	Remove in accordance with CAR 2006
Ground floor entrance lobby 38: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)	08B11735/60	Remove in accordance with CAR 2006
Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	Amosite (Brown) Chrysotile (White)	08B11735/65	Remove in accordance with CAR 2006, under fully controlled conditions using licensed removal contractors

Removal of board and debris products must be undertaken under fully controlled conditions by a licensed removal contractor in accordance with the Control of Asbestos Regulations 2006.

Removal of cement, and vinyl's & bitumen's can be undertaken using non licensed removal contractors however they must be removed in accordance with appropriate HSE guidance, It is recommended to the client that this guidance is often too onerous for contractors and that the services of a licensed removal contractor are



used in order to satisfy clients due diligence requirements to ensure contractor competence.

As it was not requested by the client to inspect all the ceiling voids, it is strongly presumed that the ceiling voids which have not been inspected are to contain asbestos debris above them.

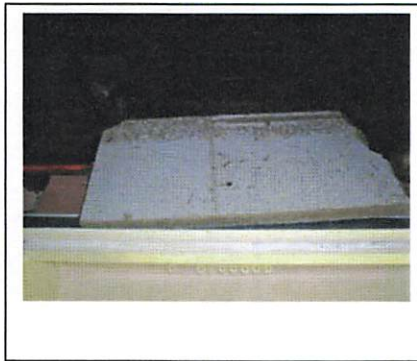
5.



SURVEY INFORMATION SHEETS

SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 95: ceiling tiles debris in ceiling void	Asbestos Type	No asbestos detected N/A
Material Type Board	Quantity 1m ²	Sample No Survey Date Date of Report Surveyor	08B11735/01 28-30/04/08 02/05/08 N. Griffiths A. Laidler

Photograph



 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 95: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 12m ²	Sample No 08B11735/02 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths A. Laidler

Photograph



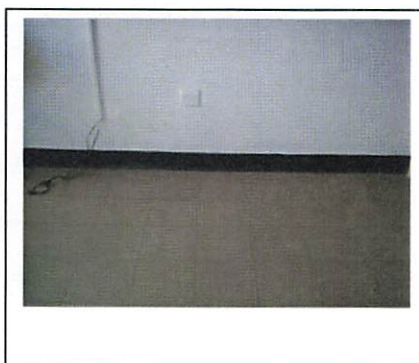
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 95: Black skirting board	Asbestos Type	No asbestos detected N/A
Material Type Plastic	Quantity 12Lm	Sample No	08B11735/03
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths A. Laidler

Photograph



	<p>NORMANDIE ANALYTICAL SERVICES</p> <p>Asbestos Survey Information Sheet. Sample and Photographic Record.</p>	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 95: Ceiling void, pipe Insulation (can be found through out ceiling voids)	Asbestos Type	No asbestos detected N/A
Material Type Insulation	Quantity 5Lm	Sample No 08B11735/04 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths A. Laidler	

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 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 94: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (white)
Material Type Bitumen	Quantity 13m ²	Sample No	08B11735/05
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 93: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (white)
Material Type Bitumen	Quantity 12m ²	Sample No 08B11735/06 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 91: Tan floor tiles and bitumen	Asbestos Yes	
		Type Chrysotile (White)	
Material Type Bitumen	Quantity 11m ²	Sample No 08B11735/07	
		Survey Date 28-30/04/08	
		Date of Report 02/05/08	
		Surveyor N. Griffiths A. Laidler	

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 90: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (white)
Material Type Bitumen	Quantity 11m ²	Sample No 08B11735/08 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 89: Tan floor tiles and bitumen	Asbestos	Yes
		Type	Chrysotile (white)
Material Type	Bitumen	Quantity	11m ²
		Sample No	08B11735/09
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Room 89: Blue floor tiles and bitumen	Asbestos Type	No asbestos detected N/A
Material Type Bitumen	Quantity <1m ²	Sample No 08B11735/10 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths A. Laidler	

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Asbestos Survey Information Sheet.
 Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 88: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 11m ²	Sample No Survey Date Date of Report Surveyor	08B11735/11 28-30/04/08 02/05/08 N. Griffiths A. Laidler

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 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 87: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 49m ²	Sample No	08B11735/12
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 86: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (white)
Material Type Bitumen	Quantity 49m ²	Sample No	08B11735/13
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths A. Laidler

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 85: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 49m ²	Sample No 08B11735/14 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 84: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (white)
Material Type Bitumen	Quantity 49m ²	Sample No	08B11735/15
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 81: sink pad	Asbestos Type	No asbestos detected N/A
Material Type Bitumen	Quantity X3 items	Sample No Survey Date Date of Report Surveyor	08B11735/16 28-30/04/08 02/05/08 N. Griffiths E. Hunter

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Asbestos Survey Information Sheet.
Sample and Photographic Record.



SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 71: Coating to underside of sink	Asbestos Type	No asbestos detected N/A
Material Type Bitumen	Quantity <1m ²	Sample No Survey Date Date of Report Surveyor	08B11735/17 28-30/04/08 02/05/08 N. Griffiths E. Hunter

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Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 71: Debris above false ceiling	Asbestos	Yes
		Type	Amosite (Brown) Chrysotile (White)
Material Type	Debris	Quantity	Small amounts
		Sample No	08B11735/18
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 68: Brown floor tiles and bitumen	Asbestos Type	Yes Chrysotile (white)
Material Type Bitumen	Quantity 6m ²	Sample No	08B11735/19
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 68: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No	08B11735/20
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 69: Brown floor tiles and bitumen	Asbestos Yes	Type Chrysotile (White)
Material Type Bitumen	Quantity 8m ²	Sample No 08B11735/21	Survey Date 28-30/04/08
		Date of Report 02/05/08	Surveyor N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 95: Debris from above false ceiling (Close to window)	Asbestos Type	Yes Chrysotile (White) Amosite (Brown)
Material Type Debris	Quantity Small amounts	Sample No	08B11735/22
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 94: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No	08B11735/23
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

<p style="text-align: center;">Location of Survey</p> <p>Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ</p>	<p style="text-align: center;">Position of Sample/Photo</p> <p>Usk Ward Room 93: Debris from above false ceiling (Close to window)</p>	<p style="text-align: center;">Asbestos</p> <p>No asbestos detected</p>	<p style="text-align: center;">Type</p> <p>N/A</p>
<p style="text-align: center;">Material Type</p> <p>Debris</p>	<p style="text-align: center;">Quantity</p> <p>Small amounts</p>	<p style="text-align: center;">Sample No</p> <p>08B11735/24</p>	<p style="text-align: center;">Survey Date</p> <p>28-30/04/08</p>
		<p style="text-align: center;">Date of Report</p> <p>02/05/08</p>	<p style="text-align: center;">Surveyor</p> <p>N. Griffiths E. Hunter</p>

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Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 91: Debris from above false ceiling (Close to window)	Asbestos Yes Type Chrysotile (White) Amosite (Brown)	
Material Type Debris	Quantity Small amounts	Sample No 08B11735/25 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 90: Debris from above false ceiling (Close to window)	Asbestos Type	Yes Chrysotile (White)
Material Type Debris	Quantity Small amounts	Sample No Survey Date Date of Report Surveyor	08B11735/26 28-30/04/08 02/05/08 N. Griffiths E. Hunter

Photograph



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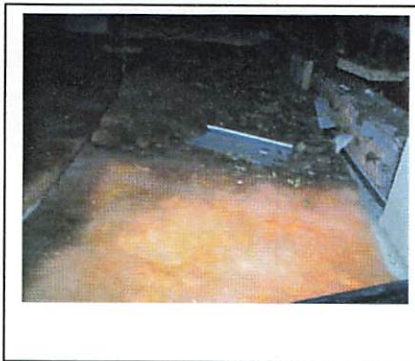
Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 89: Debris from above false ceiling (Close to window)	Asbestos Type	Yes Chrysotile (White) Amosite (Brown)
Material Type Debris	Quantity Small amounts	Sample No	08B11735/27
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 88: Debris from above false ceiling (Close to window)	Asbestos Yes Type Chrysotile (White) Amosite (Brown)	
Material Type Debris	Quantity Small amounts	Sample No 08B11735/28 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



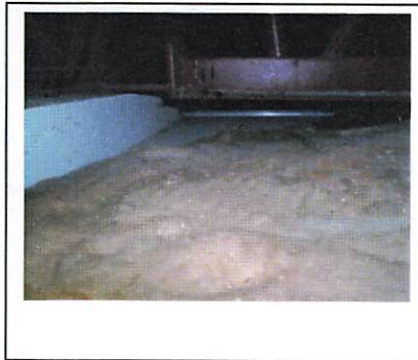
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 87: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No	08B11735/29
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 86: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No 08B11735/30 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 85: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No 08B11735/31 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 84: Debris from above false ceiling (Close to window)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No 08B11735/32 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



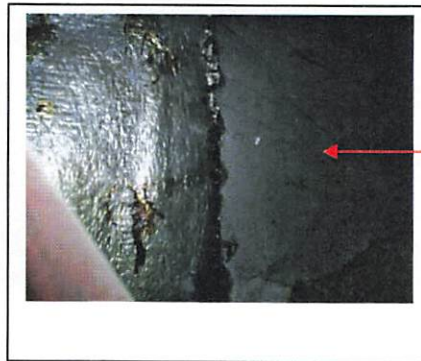
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 91: Board above false ceiling along external wall (Close to window)	Asbestos Type	Yes Amosite (Brown) Chrysotile (White)
Material Type Board	Quantity 1m ²	Sample No	08B11735/33
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 91	Asbestos Type	Yes Chrysotile (White)
Material Type Cement	Quantity 2m ²	Sample No	08B11735/34
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 88	Asbestos Type	Yes Strongly Presumed Chrysotile (White)
Material Type Cement	Quantity 2m ²	Sample No	08B11735/SP1
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



 UKAS INSPECTION 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	 NORMANDIE ANALYTICAL SERVICES
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 85	Asbestos Type	Yes Strongly Presumed Chrysotile (White)
Material Type Cement	Quantity 2m ²	Sample No 08B11735/SP2 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 84	Asbestos Type	Yes Strongly Presumed Chrysotile (White)
Material Type Cement	Quantity 2m ²	Sample No	08B11735/SP3
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)	
Material Type Bitumen	Quantity 1000m ²	Sample No 08B11735/35 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

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Asbestos Survey Information Sheet.
 Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward ground floor corridor: Blue replacement floor tiles & bitumen outside room 79	Asbestos Yes	Type Chrysotile (White)
Material Type Bitumen	Quantity <1m ²	Sample No 08B11735/36	Survey Date 28-30/04/08
		Date of Report 02/05/08	Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 72: Debris from above false ceiling (Close to window)	Asbestos Yes Type Chrysotile (White)	
Material Type Debris	Quantity Small amounts	Sample No 08B11735/37 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



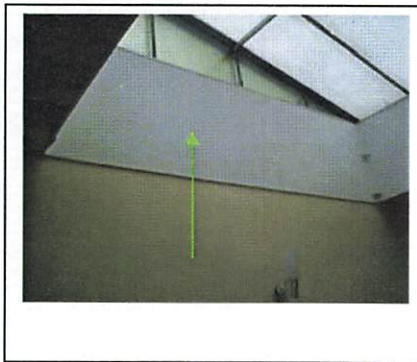
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Usk Ward Room 82: Board upstand to skylight (door side)	Asbestos No asbestos Detected	Type NA
Material Type Board	Quantity 2m ²	Sample No 08B11735/38	Survey Date 28-30/04/08
		Date of Report 02/05/08	Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 51: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 49m ²	Sample No 08B11735/39 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 50: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 49m ²	Sample No Survey Date Date of Report Surveyor	08B11735/40 28-30/04/08 02/05/08 N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 49: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (white)
Material Type Bitumen	Quantity 49m ²	Sample No	08B11735/41
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 48: Tan floor tiles and bitumen	Asbestos	Yes
		Type	Chrysotile (White)
Material Type	Bitumen	Quantity	10m ²
		Sample No	08B11735/42
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 47: Tan floor tiles and bitumen	Asbestos	Yes
		Type	Chrysotile (White)
Material Type	Bitumen	Quantity	10m ²
		Sample No	08B11735/43
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 46: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 10m ²	Sample No	08B11735/44
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 45: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 10m ²	Sample No 08B11735/45 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 43: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 12m ²	Sample No Survey Date Date of Report Surveyor	08B11735/46 28-30/04/08 02/05/08 N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 42: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 12m ²	Sample No 08B11735/47 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 66: Tan floor tiles and bitumen	Asbestos	Yes
		Type	Chrysotile (White)
Material Type	Bitumen	Quantity	5m ²
		Sample No	08B11735/48
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 67: Tan floor tiles and bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity 8m ²	Sample No	08B11735/49
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



NORMANDIE ANALYTICAL SERVICES

Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 62: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)	
Material Type Bitumen	Quantity 20m ²	Sample No 08B11735/50 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter	

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 52: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 49m ²	Sample No 08B11735/51 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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Asbestos Survey Information Sheet.
 Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: Tan floor tiles and bitumen	Asbestos Yes	Type Chrysotile (White)
Material Type Bitumen	Quantity 120m ²	Sample No 08B11735/52	Survey Date 28-30/04/08
		Date of Report 02/05/08	Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 62: Coating to underside of sink	Asbestos Type	No asbestos detected N/A
Material Type Bitumen	Quantity <math><1\text{m}^2</math>	Sample No	08B11735/53
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

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Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 55: Coating to under side of sink	Asbestos Type	No asbestos detected N/A
Material Type	Bitumen	Quantity	<1m ²
		Sample No	08B11735/54
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward Room 54: Beige marble floor tiles	Asbestos Type	No asbestos detected N/A
Material Type Vinyl	Quantity 26m ²	Sample No	08B11735/55
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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Asbestos Survey Information Sheet.
Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: cement cladding to skylights adjacent room 49	Asbestos Type	Yes Chrysotile (White)
Material Type Cement	Quantity 3m ²	Sample No	08B11735/56
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: cement cladding to skylights adjacent room 50	Asbestos Yes Strongly Presumed Type Chrysotile (White)
Material Type Cement	Quantity 3m ²	Sample No 08B11735/SP4 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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NORMANDIE ANALYTICAL SERVICES

Asbestos Survey Information Sheet.
 Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: cement cladding to skylights adjacent room 51	Asbestos Type	Yes Strongly Presumed Chrysotile (White)
Material Type Cement	Quantity 3m ²	Sample No Survey Date Date of Report Surveyor	08B11735/SP5 28-30/04/08 02/05/08 N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: cement cladding to skylights adjacent room 52	Asbestos Type	Yes Strongly Presumed Chrysotile (White)
Material Type	Cement	Quantity	3m ²
		Sample No	08B11735/SP6
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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Asbestos Survey Information Sheet.
 Sample and Photographic Record.





SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: Blue marble floor tiles & bitumen	Asbestos Type	Yes Chrysotile (White)
Material Type Bitumen	Quantity <1m ²	Sample No	08B11735/57
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Kemys Ward corridor 100: False ceiling tile	Asbestos Type	No asbestos detected N/A
Material Type Board	Quantity 120m ²	Sample No	08B11735/58
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Dark brown floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 42m ²	Sample No 08B11735/59 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Tan floor tiles and bitumen	Asbestos Yes Type Chrysotile (White)
Material Type Bitumen	Quantity 90m ²	Sample No 08B11735/60 Survey Date 28-30/04/08 Date of Report 02/05/08 Surveyor N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: False ceiling tiles	Asbestos Type	No asbestos detected N/A
Material Type Board	Quantity 42m ²	Sample No	08B11735/61
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor external entrance lobby 38: Front porch ceiling tiles	Asbestos Type	No asbestos detected N/A
Material Type Board	Quantity 12m ²	Sample No	08B11735/62
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No Survey Date Date of Report Surveyor	08B11735/63 28-30/04/08 02/05/08 N. Griffiths E. Hunter

Photograph



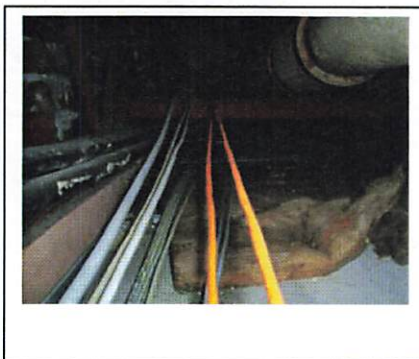
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No	08B11735/64
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



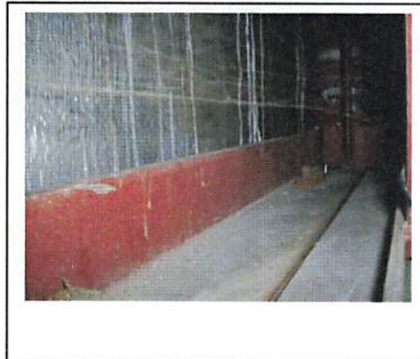
 209	NORMANDIE ANALYTICAL SERVICES Asbestos Survey Information Sheet. Sample and Photographic Record.	
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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Asbestos Type	Yes Chrysotile (White) Amosite (Brown)
Material Type Debris	Quantity Small amounts	Sample No	08B11735/65
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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SURVEY INFORMATION SHEET

Location of Survey Usk & Kemys Ward St Cadoc's Hospital Caerleon NP18 3XQ	Position of Sample/Photo Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Asbestos Type	No asbestos detected N/A
Material Type Debris	Quantity Small amounts	Sample No	08B11735/66
		Survey Date	28-30/04/08
		Date of Report	02/05/08
		Surveyor	N. Griffiths E. Hunter

Photograph



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6.

APPENDICES

APPENDIX ONE

BULK ANALYSIS SHEETS



NORMANDIE

ANALYTICAL SERVICES

The Innovation Centre, Technology Drive, Bridgend Science Park, Bridgend Mid Glamorgan CF31 3NA
Tel 01656 660000 Facsimile 01656 659988 e-mail: enquiries@nasttd.co.uk

Certificate of Analysis for Bulk Asbestos Identification

Report No: 08B11735	Date: 30/04/05	Page 1 of 5
Client name & address: Gwent Healthcare NHS Trust		Date sampled: 28-30/04/08
		Date received: 30/04/08
Sampled by: N. Griffiths/ E. Hunter		Date analysed: 01-02/05/08
Site address: St Cadocs Hospital, Caerleon, NP18 3XQ: Usk & Kemys Wards		

Number	Origin/location of sample	Material *	Asbestos type
1	Usk Ward Room 95: ceiling tiles debris in ceiling void	Board	None Detected
2	Usk Ward Room 95: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
3	Usk Ward Room 95: Black skirting board	Plastic	None Detected
4	Usk Ward Room 95: Ceiling void, pipe Insulation	Insulation	None Detected
5	Usk Ward Room 94: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
6	Usk Ward Room 93: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
7	Usk Ward Room 91: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
8	Usk Ward Room 90: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
9	Usk Ward Room 89: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
10	Room 89: Blue floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
11	Usk Ward Room 88: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
12	Usk Ward Room 87: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
13	Usk Ward Room 86: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)

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Bulk Asbestos Identification**

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Number	Origin/location of sample	Material *	Asbestos type
14	Usk Ward Room 85: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
15	Usk Ward Room 84: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
16	Usk Ward Room 81: sink pad	Bitumen	None Detected
17	Usk Ward Room 71: Coating to underside of sink	Bitumen	None Detected
18	Usk Ward Room 71: Debris above false ceiling	Debris	Amosite (Brown) Chrysotile (White)
19	Usk Ward Room 68: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
20	Usk Ward Room 68: Debris from above false ceiling (Close to window)	Debris	None Detected
21	Usk Ward Room 69: Brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
22	Usk Ward Room 95: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)
23	Usk Ward Room 94: Debris from above false ceiling (Close to window)	Debris	None Detected
24	Usk Ward Room 93: Debris from above false ceiling (Close to window)	Debris	None Detected
25	Usk Ward Room 91: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)
26	Usk Ward Room 90: Debris from above false ceiling (Close to window)	Debris	Chrysotile (White)
27	Usk Ward Room 89: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)
28	Usk Ward Room 88: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)
29	Usk Ward Room 87: Debris from above false ceiling (Close to window)	Debris	None Detected
30	Usk Ward Room 86: Debris from above false ceiling (Close to window)	Debris	None Detected
31	Usk Ward Room 85: Debris from above false ceiling (Close to window)	Debris	None Detected



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Report No: 08B11735	Date: 30/04/05	Page 3 of 5
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Number	Origin/location of sample	Material *	Asbestos type
32	Usk Ward Room 84: Debris from above false ceiling (Close to window)	Debris	None Detected
33	Usk Ward Room 91: Board above false ceiling along external wall (Close to window)	Board	Amosite (Brown) Chrysotile (White)
34	Usk Ward ground floor corridor: Cement cladding to skylight adjacent room 91	Cement	Chrysotile (White)
35	Usk Ward ground floor corridor: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
36	Usk Ward ground floor corridor: Blue replacement floor tiles outside room 79	Vinyl Bitumen	None Detected Chrysotile (White)
37	Usk Ward Room 72: Debris from above false ceiling (Close to window)	Debris	Amosite (Brown) Chrysotile (White)
38	Usk Ward Room 82: Board upstand to skylight (door side)	Board	None Detected
39	Kemys Ward Room 51: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
40	Kemys Ward Room 50: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
41	Kemys Ward Room 49: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
42	Kemys Ward Room 48: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
43	Kemys Ward Room 47: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
44	Kemys Ward Room 46: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
45	Kemys Ward Room 45: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
46	Kemys Ward Room 43: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
47	Kemys Ward Room 42: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
48	Kemys Ward Room 66: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)



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Number	Origin/location of sample	Material *	Asbestos type
49	Kemys Ward Room 67: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
50	Kemys Ward Room 62: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
51	Kemys Ward Room 52: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
52	Kemys Ward corridor 100: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
53	Kemys Ward Room 62: Coating to underside of sink	Bitumen	None Detected
54	Kemys Ward Room 55: Coating to under side of sink	Bitumen	None Detected
55	Kemys Ward Room 54: Beige marble floor tiles	Vinyl	None Detected
56	Kemys Ward corridor 100: cement cladding to skylights adjacent room 49	Cement	Chrysotile (white)
57	Kemys Ward corridor 100: Blue marble floor tiles	Vinyl Bitumen	None Detected Chrysotile (White)
58	Kemys Ward corridor 100: False ceiling tile	Board	None Detected
59	Ground floor entrance lobby 38: Dark brown floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
60	Ground floor entrance lobby 38: Tan floor tiles and bitumen	Vinyl Bitumen	None Detected Chrysotile (White)
61	Ground floor entrance lobby 38: False ceiling tiles	Board	None Detected
62	Ground floor external entrance lobby 38: Front porch ceiling tiles	Board	None Detected
63	Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	None Detected
64	Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	None Detected

**Certificate of Analysis
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Number	Origin/location of sample	Material *	Asbestos type
65	Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	Amosite (Brown) Chrysotile (White)
66	Ground floor entrance lobby 38: Debris above false ceiling (Close to window side)	Debris	None Detected

Normandie Analytical Services accept no responsibility for sampling activities undertaken by the client. All analysis is in accordance with HSG248/NASBIDM. The material description (*) shall be regarded as tentative and is not included in the UKAS Accreditation for this laboratory. Opinions and interpretations are outside the scope of accreditation for this laboratory

Comments/details of sample preparation:

Analysed by (Tick):

Adrian White.... David Rolfe....
Emma Hunter.... Neil Griffiths....

Signed.....
Date.....

Authorised by (Tick):

T. Lock (General Manager)....
A. Griffiths (Dep. General Manager)....

Signed.....
Date.....



2420

NASBIDR10

Issued June 07

Report Ends



6.

APPENDICES

APPENDIX TWO

SURVEY PLANS

6.

APPENDICE

6.**APPENDICES**

KEY**= IDENTIFIED ASBESTOS****= STRONGLY PRESUMED ASBESTOS****= PRESUMED ASBESTOS****= IDENTIFIED NON-ASBESTOS**

6.

APPENDICES

END OF REPORT