



**CELTIC ASBESTOS  
CONSULTANCY LTD**



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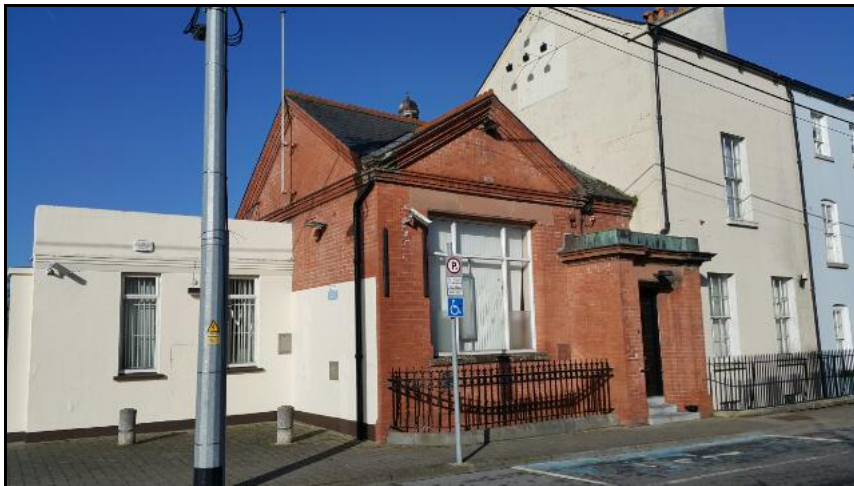
# **Asbestos Refurbishment & Demolition Survey (including Sampling and Analysis)**

**for**

## ***Carlow County Council***

**at**

**Former Bank Premises,  
Court Place,  
Co. Carlow**





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## Document Control

Client Name:

Carlow County Council

Civic Offices, Athy Road, Co. Carlow


Site Full Name:

Former Bank Premises, Court Place, Co. Carlow

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Project N <sup>o</sup> and Revision N <sup>o</sup>	Report Status	Surveyor	Report Author	Approved by	Issue Date
A-02110 (Revision 1)	Issued	Daragh Gogarty	Daragh Gogarty	 Jonathan Fagan	19/03/2021
Comments:					
Comments:					
Comments:					

<b>Celtic Asbestos Consultancy</b>	Project Number:	A-02110
	Survey Date:	22/02/21 to 23/02/21
	Report Revision Date:	19/03/2021
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## Section 1 - Executive Summary

### 1. General Information:

**Celtic Asbestos Consultancy** was instructed by **Carlow County Council** to carry out an **Asbestos Refurbishment & Demolition Survey** to inspect for the presence of asbestos containing materials (ACMs) at the following site:

#### Former Bank Premises, Court Place, Co. Carlow

(See below for full list of areas inspected)

- The building at the above address is a two-storey structure, with basement, built circa pre-1900s. It features: timber and concrete roofs with sampled cement slates, as well as a flat roof; brick, block and concrete external walls, with original red brick to the front; brick, block, concrete, timber, plasterboard and lathe and plaster internal walls; timber and concrete floors, with vinyl coverings and original mosaic to front area; plasterboard, lathe and plaster, timber and concrete ceilings.
- Daragh Gogarty took 11 samples during the survey, with further presumptions and cross references. More details on these can be found in sections 1, 9, 10, 11, 12 and 13.
- This survey was carried out on 22/02/21 to 23/02/21 by Daragh Gogarty.
- The report was completed on 19/03/2021 by Daragh Gogarty and authorised by Jonathan Fagan.
- The premises were surveyed as follows:

Survey Plan was put together through communication with the client. A walk through of the building was performed with the client's representative to note any areas of concern and clarify scope.

6.1 Samples were obtained of suspect materials. Where access was not possible, presumptions or strong presumptions were made.

6.2 This report should be read in its entirety, including any Appendices and CACL accepts no responsibility for sub division of this report or the way in which its recommendations are acted upon.

6.3 This purpose of this report is to assist the client identify ACM's within the building in order for them to be removed without risk, prior to the building being demolished.

- This report does not imply that all other hazards were under control at the time of the survey.

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## Section 1 - Executive Summary

**Asbestos was identified in the following:**

Former Bank Premises, Court Place, Co. Carlow						
Sample	Floor	Location	Description	Asbestos	Extent / Amount	Recommended Action
S2	Ground Floor	Main Room, 0-002	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in bitumen	50 m <sup>2</sup>	Remove
S7	Ground Floor	Side Entrance & Linked Corridors, 0-016	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in both	10 m <sup>2</sup>	Remove
S9	Ground Floor	Side Entrance & Linked Corridors, 0-016	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in bitumen	5 m <sup>2</sup>	Remove
S5	External	Roof, 99-001	Roof - Cement Slate	Chrysotile	30 m <sup>2</sup>	Remove
S4	External	Roof, 99-001	Roof - Cement Slate	Chrysotile	100 m <sup>2</sup>	Remove

**Asbestos was Strongly Presumed in the following:**

Former Bank Premises, Court Place, Co. Carlow						
Sample	Floor	Location	Description	Asbestos	Extent / Amount	Recommended Action
X2	Ground Floor	Front Office 1, 0-003	Floor - Vinyl Floor Tile and Bitumen	Chrysotile	5 m <sup>2</sup>	Remove
X2	Ground Floor	Office 2, 0-004	Floor - Vinyl Floor Tile and Bitumen	Chrysotile	8 m <sup>2</sup>	Remove
X2	Ground Floor	Office 3, 0-005	Floor - Vinyl Floor Tile and Bitumen	Chrysotile	8 m <sup>2</sup>	Remove
X2	Ground Floor	Office 4, 0-006	Floor - Vinyl Floor Tile and Bitumen	Chrysotile	8 m <sup>2</sup>	Remove
X2	Ground Floor	Corner Office 5, 0-007	Floor - Vinyl Floor Tile and Bitumen	Chrysotile	8 m <sup>2</sup>	Remove
X7	Ground Floor	Toilet, 0-018	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in both	8 m <sup>2</sup>	Remove
X7	Ground Floor	Store, 0-022	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in both	5 m <sup>2</sup>	Remove
X7	Ground Floor	Store, 0-027	Floor - Vinyl Floor Tile and Bitumen	Chrysotile in both	5 m <sup>2</sup>	Remove

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## Section 1 - Executive Summary

*Asbestos was presumed in the following:*

Former Bank Premises, Court Place, Co. Carlow						
Sample	Floor	Location	Description	Asbestos	Extent / Amount	Recommended Action
P	Ground Floor	Entrance, 0-001	Electrical panel - Flash Guards	Chrysotile	N/A	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected
P	Ground Floor	Main Room, 0-002	Safe - Board	Chrysotile/ Amosite	2 no	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected
P	Ground Floor	Safe Rooms, 0-017	Doors - Board	Chrysotile/ Amosite	2	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected

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## Section 2 - Survey Objectives

1. Produce a report, in a database format, indicating areas containing asbestos identified and suspected asbestos based materials, including photographic records of asbestos occurrences where possible.
2. To carry out a Pre-demolition & Refurbishment Asbestos Survey and subject all areas within the scope and proposed for refurbishment and/or demolition to a survey under the requirements of HSG264 and Celtic Asbestos Consultancy's internal procedures: QA doc 19a.
3. To include a risk assessment for each individual sample
4. A refurbishment and demolition survey is needed before any refurbishment and demolition work is carried out in the same property but in different areas. This type of survey is used to locate and describe, as far as reasonably practicable, all ACMs in the area where the refurbishment and demolition work will take place.
5. The survey will be fully intrusive and involve destructive inspection, as necessary, to gain access to all areas; including those that may be difficult to reach.
6. The survey report should be supplied, by the client, to designers and contractors who may be bidding for the work, so that the asbestos risks can be addressed. In a Refurbishment & Demolition survey, the asbestos is identified for safe removal so no exposure is caused during works. This type of survey does not normally assess the condition of the asbestos as there is no need to manage it once removal has taken place.

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## Section 3 - 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 sample locations (unless otherwise stated).
3. Samples were returned to the INAB accredited Celtic Asbestos Consultancy's permanent Laboratory for 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 particles or fibre is immersed in a liquid having a refractive index near that of the particle or fibre, and is viewed under a microscope using transmitted white light (using Celtic Asbestos Consultancy's internal procedures QA doc 19c based on HSE Publication HSG 248).
5. BOHS qualified surveyors carry out an inspection of the premises in order to identify ACM's. Samples of suspected ACM's are taken using fibre suspension techniques in order to minimise respirable fibre release and were analysed to determine the presence of asbestos.
6. The samples taken were analysed to determine whether the sample contains a certain type of asbestos and do not give out a quantity of asbestos present. Whether a material is determined friable and notifiable to the HSA is a decision made by the surveyor based upon material type and condition, sample result and experience. The surveyor will err on the side of caution where any doubt exists.
7. The risk assessment is carried out by applying the risk algorithms of a Material Assessment algorithm. The risk assessment determines the recommendation of management, removal or encapsulation.
8. There are two levels of presumption which may be noted in the report and these are described below:
  - a. Presumed to contain asbestos – for example where no access was gained to an area, building, piece of plant, equipment or similar because it was locked, inaccessible or unsafe (e.g. floor tiles or textured coating).
  - b. Strongly presumed to contain asbestos – where similar materials continue throughout rooms, corridors, ducts, roof voids etc and have either been sampled and positively identified, or the experience of the surveyor, is obviously an ACM (e.g. cement rainwater pipe, spray coating, insulating board).

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## Section 4 - Survey Caveat

1. This report is based upon a destructive inspection of an unfamiliar site. During the course of the survey, all reasonable efforts were made to identify the physical presence of materials containing asbestos within the areas of the building. Whilst every effort was made to locate all Asbestos Containing Material's, 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 is not practical in terms of cost or time. It is known that asbestos materials are frequently concealed within the fabric of buildings or within sealed building voids so that it is not possible to regard the findings of any survey as being definitive. It must always remain a possibility that further asbestos containing materials may be found during refurbishment or demolition activities. For reasons set out in this report, the results cannot give an assurance that all asbestos materials have been found and must not be thought to do so. CACL do not accept responsibility for any omissions or areas of the building not addressed in the report.
2. We recommend that if any suspicious products are uncovered during works that an asbestos consultant should be contacted and further samples should be taken of suspect materials which may be uncovered within the areas of the site which were not uncovered and included in this survey.

### Limitations:

- No access behind sampled materials, doing so could potentially disturb asbestos fibres.
- No access behind solid structural floors, walls or ceilings. Doing so would cause significant damage.

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## Section 5 - Survey Notes

1. 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.
2. No air monitoring, unless specifically requested and noted, 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. Samples were only taken where deemed necessary, and where a suspected material appeared to be repeatedly used within an area only a representative number of samples were taken, i.e. insulation boards, sprayed insulation, cement products etc.
4. If a product is uncovered that appears different to the majority of areas, a consultant should be contacted a further sampling arranged.
5. 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.
6. The drawings in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes.
7. All the recommendation 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.
8. Equipment, machinery, ducting etc. was not moved, opened up or examined for the purpose of this investigation except in the occasion where hatches were available.
9. The quantifications stated, within this survey report, are based on our Surveyor's estimates and should not be used for contractual purposes.
10. Opinions and Interpretations are outside the scope of INAB Accreditation held by Celtic Asbestos Consultancy.

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## Section 6 - 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.

### All areas accessed

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## Section 7 - Explanation of Survey Terms

### 1 PRE-DEMOLITION & REFURBISHMENT ASBESTOS SURVEY

A Pre-Demolition & Refurbishment Asbestos Survey is to be carried out within a building or within a defined area of a building that is planned or preparing for the structure and finishing fabric of that area to be demolished and/or to undergo refurbishment works. The recommendation for any Asbestos Containing Material, (ACM) identified is automatically for removal, irrespective of the type, condition, product type or asbestos type, in order to proceed with refurbishment/demolition. The subsequent outline of type, condition, product type accessibility and asbestos type is given to provide information for the removal process.

The method of assessment, which has been adopted, is generally based on Health and Safety Executive publication HSG264: "Asbestos-The Survey Guide".

### 2 MATERIAL ASSESSMENT AND ALGORITHM

The material assessment is an assessment of the condition of the ACM, or the presumed ACM, and the likelihood of it releasing fibres in the event of it being disturbed in some way. This material assessment will give a good initial guide to the priority for management, and also friability for removal, as it will identify the materials, which will most readily release airborne fibres if disturbed. However, there are other factors to take into account when prioritising action.

HSG264 recommends the use of an algorithm to carry out the material assessment, and contains an example. The algorithm is a numerical way of taking into account several influencing factors, giving each factor considered a score. These scores can then be totalled 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 track back through the assessment process to find the root of the error. The algorithm shown in HSG264 considers four parameters that determine the risk from an ACM: that is the ability to release fibres if disturbed. These four parameters are:

- Product type;
- Extent of damage;
- Surface treatment; and
- Asbestos type

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

- Score of 10 or more - high potential to release fibres if disturbed
- Score 7-9 - medium potential to release fibres if disturbed
- Score 5-6 - low potential to release fibres if disturbed
- Less than 4 - very low potential to release fibres if disturbed

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## Section 8 – Explanation of Survey Recommendations

- 1 The recommendations detailed are based on each item's potential for releasing fibres as described in HSG264 Asbestos: the survey guide. The positive identification of asbestos bearing materials is detailed in the individual sample data sheet which outlines the risk assessment and recommendations.
- 2 A quantifiable assessment of the risk of fibre release is only made during a management survey, where asbestos can remain in place and managed by using an algorithm which takes into account all factors relevant to the item and the normal activities of the building occupants.
- 3 When refurbishment/demolition is planned, any asbestos identified that the refurbishment work will affect, will be removed prior to works starting.
- 4 All asbestos removal work must be carried out in accordance with S.I. No. 386 of 2006 Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006 and amended version 2010 and Guidelines issued by the Health & Safety Authority in Ireland. All contractors must undertake specific training in order to work with any asbestos and must take all steps reasonably practicable to prevent exposure to asbestos. Competent asbestos removal contractors should be able to provide their client their asbestos specific insurance.
- 5 All asbestos waste outlined above must be transported under hazardous waste license to a landfill or hazardous waste facility with a consignment note.
- 6 Notification must be submitted to the HSA 14 days prior to removal of friable asbestos with a certificate of reoccupation given on completion.
- 7 Recommendations for the asbestos products identified in this survey are as described in the executive summary/material assessment and asbestos register at the end of the report.



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## Section 9 - Material Assessment (Photo Small)

Sorted by: Location ID

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Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-002			SAMPLE REF NO.:	S2		
							
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen			ACCESSIBILITY:	Easy		
FOUND IN:	Floor						
LOCATION:	Main Room			EXTENT / QUANTITY:	50 m <sup>2</sup>		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSTOLE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
OTHER RELEVANT INFORMATION:							
White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							

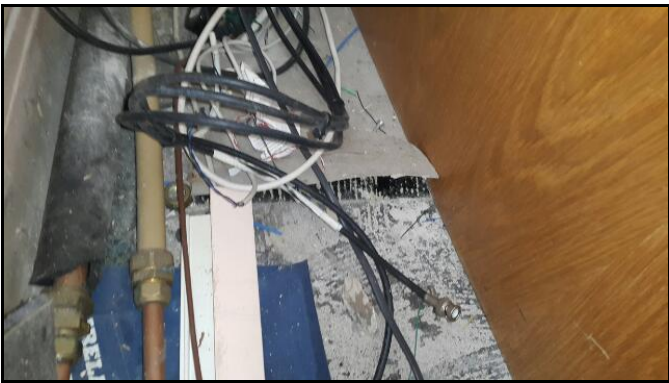
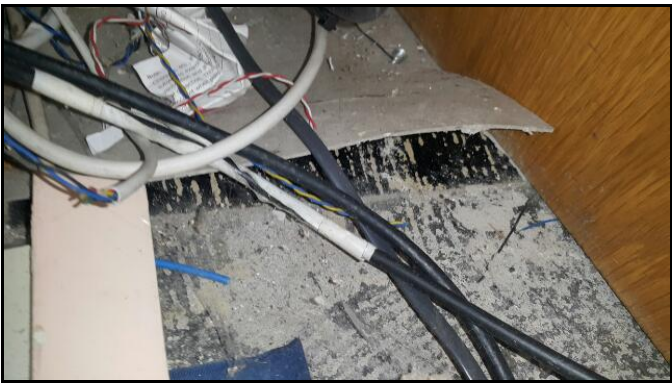
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## Section 9 - Material Assessment (Photo Small)

Sorted by: Location ID

Site Address: Former Bank Premises, Court Place, Co. Carlow Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-003			SAMPLE REF NO.:	Same As S2		
							
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen			ACCESSIBILITY:	Easy		
FOUND IN:	Floor						
LOCATION:	Front Office 1			EXTENT / QUANTITY:	5 m <sup>2</sup>		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSTOLE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
<b>OTHER RELEVANT INFORMATION:</b>							
White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							


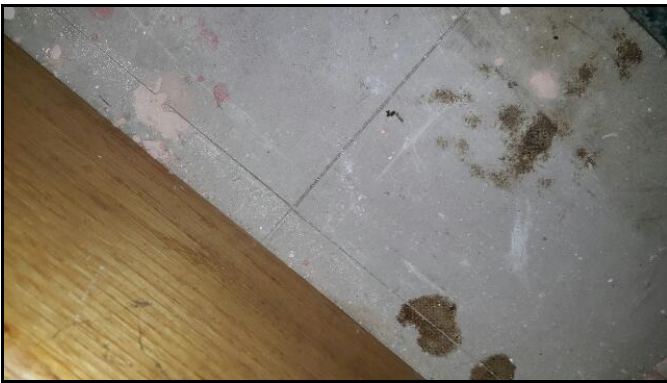
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		<b>Project Number:</b>	A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-004	<b>SAMPLE REF NO.:</b>	Same As S2
			
<b>PRODUCT TYPE:</b>	Vinyl Floor Tile and Bitumen	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Floor		
<b>LOCATION:</b>	Office 2	<b>EXTENT / QUANTITY:</b>	8 m <sup>2</sup>
<b>ASBESTOS TYPE</b>	NON ASBESTOS	0	✓
	CHRYSOTILE	1	✓
	AMOSITE	2	
	CROCIDOLITE	3	
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2	
<b>SURFACE TREATMENT</b>	COMPOSITE MATERIAL	0	✓
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2	
	UNSEALED LAGGING / SPRAY COATING	3	
<b>FIBRE RELEASE POTENTIAL</b>	GOOD CONDITION	0	
	LOW DAMAGE	1	
	MEDIUM DAMAGE	2	
	HIGH DAMAGE	3	✓
<b>RECOMMENDED ACTION</b>	LOOSE ASBESTOS	3	
	HIGH RISK	10-12	
	MEDIUM RISK	7-9	
	LOW RISK	5-6	✓
<b>PRODUCT TYPE</b>	ASBESTOS REINFORCED COMPOSITES	1	✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2	
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3	
<b>OTHER RELEVANT INFORMATION:</b>			
White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.			
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.			

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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Co. Carlow

Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:		Ground Floor		SURVEY DATES:		22/02/2021							
ROOM NAME / NO.:		005		SAMPLE REF NO.:		Same As S2							
													
PRODUCT TYPE:		Vinyl Floor Tile and Bitumen		ACCESSIBILITY:		Easy							
FOUND IN:		Floor											
LOCATION:		Office 3		EXTENT / QUANTITY:		8 m <sup>2</sup>							
ASBESTOS TYPE		NON ASBESTOS		0		GOOD CONDITION		0					
		CHRYSOTILE		1		✓		LOW DAMAGE		1			
		AMOSITE		2				MEDIUM DAMAGE		2			
		CROCIDOLITE		3				HIGH DAMAGE		3		✓	
		OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)		2				LOOSE ASBESTOS		3			
SURFACE TREATMENT		COMPOSITE MATERIAL		0		✓		HIGH RISK		10-12			
		ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS		1				MEDIUM RISK		7-9			
		UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS		2				LOW RISK		5-6		✓	
		UNSEALED LAGGING / SPRAY COATING		3				VERY LOW RISK		1-4			
PRODUCT TYPE		ASBESTOS REINFORCED COMPOSITES		1		✓		REMOVE				✓	
		ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT		2				REPAIR / SEAL ENCAPSULATE					
		THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS		3				LABEL AND MANAGE					
OTHER RELEVANT INFORMATION:													
<p>White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.</p> <p>All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health &amp; Welfare at Work (Exposure to Asbestos) Regulations 2006 &amp; amended version 2010 &amp; Guidelines issued by the Health &amp; Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance &amp; evidence of current training &amp; competency is obtained from your selected approved asbestos removal contractor prior to works commencing.</p>													

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Project Number: A-02110

FLOOR:		Ground Floor		SURVEY DATES:		22/02/2021	
ROOM NAME / NO.:		0-006		SAMPLE REF NO.:		Same As S2	
PRODUCT TYPE:		Vinyl Floor Tile and Bitumen		ACCESSIBILITY:		Easy	
FOUND IN:		Floor					
LOCATION:		Office 4		EXTENT / QUANTITY:		8 m <sup>2</sup>	
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
OTHER RELEVANT INFORMATION:							
<p>White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.</p> <p>All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health &amp; Welfare at Work (Exposure to Asbestos) Regulations 2006 &amp; amended version 2010 &amp; Guidelines issued by the Health &amp; Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance &amp; evidence of current training &amp; competency is obtained from your selected approved asbestos removal contractor prior to works commencing.</p>							



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Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:		Ground Floor		SURVEY DATES:		22/02/2021							
ROOM NAME / NO.:		0-007		SAMPLE REF NO.:		Same As S2							
													
PRODUCT TYPE:		Vinyl Floor Tile and Bitumen		ACCESSIBILITY:		Easy							
FOUND IN:		Floor											
LOCATION:		Corner Office 5		EXTENT / QUANTITY:		8 m <sup>2</sup>							
ASBESTOS TYPE		NON ASBESTOS		0		GOOD CONDITION		0					
		CHRYSOTILE		1		✓		LOW DAMAGE		1			
		AMOSITE		2				MEDIUM DAMAGE		2			
		CROCIDOLITE		3				HIGH DAMAGE		3		✓	
		OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)		2				LOOSE ASBESTOS		3			
SURFACE TREATMENT		COMPOSITE MATERIAL		0		✓		HIGH RISK		10-12			
		ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS		1				MEDIUM RISK		7-9			
		UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS		2				LOW RISK		5-6		✓	
		UNSEALED LAGGING / SPRAY COATING		3				VERY LOW RISK		1-4			
PRODUCT TYPE		ASBESTOS REINFORCED COMPOSITES		1		✓		REMOVE				✓	
		ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT		2				REPAIR / SEAL ENCAPSULATE					
		THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS		3				LABEL AND MANAGE					
OTHER RELEVANT INFORMATION:													
<p>White tiles and bitumen. Bitumen continues throughout room. Tiles present in various locations. Inspection limited due to furniture.</p> <p>All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health &amp; Welfare at Work (Exposure to Asbestos) Regulations 2006 &amp; amended version 2010 &amp; Guidelines issued by the Health &amp; Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance &amp; evidence of current training &amp; competency is obtained from your selected approved asbestos removal contractor prior to works commencing.</p>													



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Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	External	SURVEY DATES:	22/02/2021				
ROOM NAME / NO.:	99-001	SAMPLE REF NO.:	S4				
							
PRODUCT TYPE:	Cement Slate	ACCESSIBILITY:	Difficult				
FOUND IN:	Roof						
LOCATION:	Roof	EXTENT / QUANTITY:	100 m <sup>2</sup>				
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	✓
	CROCIDOLITE	3			HIGH DAMAGE	3	
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0		FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1	✓		MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
<b>OTHER RELEVANT INFORMATION:</b>							
Slates to original roofs.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							



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Project Number: A-02110

FLOOR:	External	SURVEY DATES:	22/02/2021				
ROOM NAME / NO.:	99-001	SAMPLE REF NO.:	S5				
							
PRODUCT TYPE:	Cement Slate	ACCESSIBILITY:	Difficult				
FOUND IN:	Roof						
LOCATION:	Roof	EXTENT / QUANTITY:	30 m <sup>2</sup>				
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	✓
	CROCIDOLITE	3			HIGH DAMAGE	3	
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0		FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1	✓		MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
OTHER RELEVANT INFORMATION:							
Slates to Kitchen roof.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							

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Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-016			SAMPLE REF NO.:	S7		
							
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen			ACCESSIBILITY:	Easy		
FOUND IN:	Floor						
LOCATION:	Side Entrance & Linked Corridors			EXTENT / QUANTITY:	10 m <sup>2</sup>		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
<b>OTHER RELEVANT INFORMATION:</b>							
Cream vinyl floor tiles and bitumen adhesive.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							



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Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-018			SAMPLE REF NO.:	Same As S7		
							
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen			ACCESSIBILITY:	Easy		
FOUND IN:	Floor						
LOCATION:	Toilet			EXTENT / QUANTITY:	8 m <sup>2</sup>		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
<b>OTHER RELEVANT INFORMATION:</b>							
Cream vinyl floor tiles and bitumen adhesive.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							



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Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-022			SAMPLE REF NO.:	Same As S7		
							
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen			ACCESSIBILITY:	Easy		
FOUND IN:	Floor						
LOCATION:	Store			EXTENT / QUANTITY:	5 m <sup>2</sup>		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0	✓	FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1			MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1	✓	RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2			REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		
OTHER RELEVANT INFORMATION:							
Cream vinyl floor tiles and bitumen adhesive.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							



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		<b>Project Number:</b>	A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021		
<b>ROOM NAME / NO.:</b>	0-027	<b>SAMPLE REF NO.:</b>	Same As S7		
					
<b>PRODUCT TYPE:</b>	Vinyl Floor Tile and Bitumen		<b>ACCESSIBILITY:</b>	Easy	
<b>FOUND IN:</b>	Floor				
<b>LOCATION:</b>	Store		<b>EXTENT / QUANTITY:</b>	5 m <sup>2</sup>	
<b>ASBESTOS TYPE</b>	NON ASBESTOS	0	<b>EXTENT OF DAMAGE / DETERIORATION</b>	GOOD CONDITION	0
	CHRYSOTILE	1		LOW DAMAGE	1
	AMOSITE	2		MEDIUM DAMAGE	2
	CROCIDOLITE	3		HIGH DAMAGE	3
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2		LOOSE ASBESTOS	3
<b>SURFACE TREATMENT</b>	COMPOSITE MATERIAL	0	<b>FIBRE RELEASE POTENTIAL</b>	HIGH RISK	10-12
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1		MEDIUM RISK	7-9
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2		LOW RISK	5-6
	UNSEALED LAGGING / SPRAY COATING	3		VERY LOW RISK	1-4
<b>PRODUCT TYPE</b>	ASBESTOS REINFORCED COMPOSITES	1	<b>RECOMMENDED ACTION</b>	REMOVE	✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2		REPAIR / SEAL ENCAPSULATE	
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3		LABEL AND MANAGE	
<b>OTHER RELEVANT INFORMATION:</b>					
Cream vinyl floor tiles and bitumen adhesive.					
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.					



<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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## Section 9 - Material Assessment (Photo Small)

Sorted by: Location ID

<b>Site Address:</b>	Former Bank Premises, Court Place, Co. Carlow	<b>Client Name:</b>	Carlow County Council
		<b>Project Number:</b>	A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021			
<b>ROOM NAME / NO.:</b>	0-016	<b>SAMPLE REF NO.:</b>	S9			
						
<b>PRODUCT TYPE:</b>	Vinyl Floor Tile and Bitumen		<b>ACCESSIBILITY:</b>	Easy		
<b>FOUND IN:</b>	Floor					
<b>LOCATION:</b>	Side Entrance & Linked Corridors		<b>EXTENT / QUANTITY:</b>	5 m <sup>2</sup>		
<b>ASBESTOS TYPE</b>	NON ASBESTOS	0		GOOD CONDITION	0	
	CHRYSOTILE	1	✓	LOW DAMAGE	1	
	AMOSITE	2		MEDIUM DAMAGE	2	
	CROCIDOLITE	3		HIGH DAMAGE	3	✓
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2		LOOSE ASBESTOS	3	
<b>SURFACE TREATMENT</b>	COMPOSITE MATERIAL	0	✓	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1		MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2		LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3		VERY LOW RISK	1-4	
<b>PRODUCT TYPE</b>	ASBESTOS REINFORCED COMPOSITES	1	✓	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2		REPAIR / SEAL ENCAPSULATE		
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3		LABEL AND MANAGE		
<b>OTHER RELEVANT INFORMATION:</b>						
Brown vinyl floor tiles and bitumen adhesive.						
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.						

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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## Section 9 - Material Assessment (Photo Small)

Sorted by: Location ID

Site Address: Former Bank Premises, Court Place, Co. Carlow Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-001			SAMPLE REF NO.:	Presumed		
PRODUCT TYPE:	Flash Guards			ACCESSIBILITY:	Difficult		
FOUND IN:	Electrical panel						
LOCATION:	Entrance			EXTENT / QUANTITY:	N/A		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	✓
	AMOSITE	2			MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0		FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1	✓		MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1		RECOMMENDED ACTION	REMOVE		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2	✓		Investigate further		✓
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			LABEL AND MANAGE		✓
<b>OTHER RELEVANT INFORMATION:</b>							
No access to live electrics, presumed to contain flash guards.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							

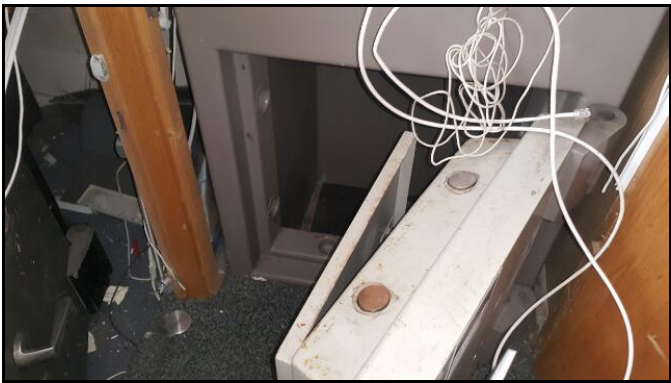

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Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	Ground Floor			SURVEY DATES:	22/02/2021		
ROOM NAME / NO.:	0-002			SAMPLE REF NO.:	Presumed		
							
PRODUCT TYPE:	Board			ACCESSIBILITY:	Difficult		
FOUND IN:	Safe						
LOCATION:	Main Room			EXTENT / QUANTITY:	2 no		
ASBESTOS TYPE	NON ASBESTOS	0		EXTENT OF DAMAGE / DETERIORATION	GOOD CONDITION	0	
	CHRYSOTILE	1	✓		LOW DAMAGE	1	✓
	AMOSITE	2	✓		MEDIUM DAMAGE	2	
	CROCIDOLITE	3			HIGH DAMAGE	3	
	OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)	2			LOOSE ASBESTOS	3	
SURFACE TREATMENT	COMPOSITE MATERIAL	0		FIBRE RELEASE POTENTIAL	HIGH RISK	10-12	
	ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS	1	✓		MEDIUM RISK	7-9	
	UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS	2			LOW RISK	5-6	✓
	UNSEALED LAGGING / SPRAY COATING	3			VERY LOW RISK	1-4	
PRODUCT TYPE	ASBESTOS REINFORCED COMPOSITES	1		RECOMMENDED ACTION	REMOVE if affected by refurbishment works		✓
	ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT	2	✓		LABEL AND MANAGE		✓
	THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS	3			Investigate further		✓
<b>OTHER RELEVANT INFORMATION:</b>							
No access to doors of safe, presumed to contain insulation board.							
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.							

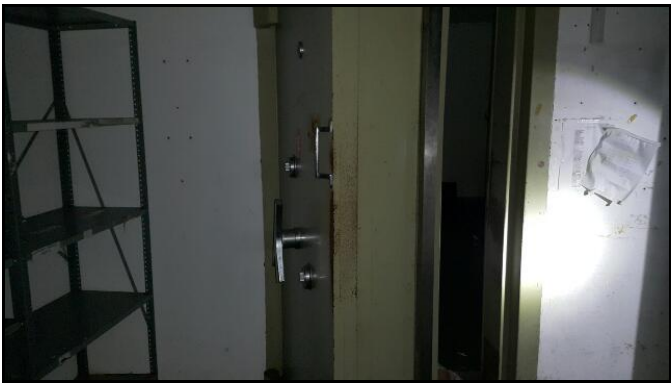

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Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:		Ground Floor		SURVEY DATES:		22/02/2021							
ROOM NAME / NO.:		0-017		SAMPLE REF NO.:		Presumed							
													
PRODUCT TYPE:		Board		ACCESSIBILITY:		Difficult							
FOUND IN:		Doors											
LOCATION:		Safe Rooms		EXTENT / QUANTITY:		2							
ASBESTOS TYPE		NON ASBESTOS		0		GOOD CONDITION		0					
		CHRYSOTILE		1		✓		LOW DAMAGE		1		✓	
		AMOSITE		2		✓		MEDIUM DAMAGE		2			
		CROCIDOLITE		3				HIGH DAMAGE		3			
		OTHER (ACTINOLITE/TREMOLITE/ANTHOPHYLLITE)		2				LOOSE ASBESTOS		3			
SURFACE TREATMENT		COMPOSITE MATERIAL		0				HIGH RISK		10-12			
		ENCLOSED SPRAY / LAGGING, PAINTED / ENCAPSULATED AIB, ASBESTOS CEMENT SHEETS		1		✓		MEDIUM RISK		7-9			
		UNSEALED AIB OR ENCAPSULATED LAGGING AND SPRAYS		2				LOW RISK		5-6		✓	
		UNSEALED LAGGING / SPRAY COATING		3				VERY LOW RISK		1-4			
PRODUCT TYPE		ASBESTOS REINFORCED COMPOSITES		1				REMOVE if affected by refurbishment works				✓	
		ASBESTOS INSULATING BOARD, TEXTILES, GASKETS, ROPE, PAPER, FELT		2		✓		LABEL AND MANAGE				✓	
		THERMAL INSULATION, SPRAYED ASBESTOS, LOOSE ASBESTOS		3				Investigate further				✓	
OTHER RELEVANT INFORMATION:													
No access to internal of door, presumed to contain insulating board.													
All work with asbestos materials must be carried out in accordance with SI No 386 of the Safety, Health & Welfare at Work (Exposure to Asbestos) Regulations 2006 & amended version 2010 & Guidelines issued by the Health & Safety Authority in Ireland. 14 days notification may be required to the HSA. Ensure valid asbestos insurance & evidence of current training & competency is obtained from your selected approved asbestos removal contractor prior to works commencing.													

Client Name:	Carlow County Council	Project Number:	A-02110
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Sorted by: Location ID

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		<b>Project Number:</b>	A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-001	<b>SAMPLE REF NO.:</b>	S1
			
<b>PRODUCT TYPE:</b>	Vinyl Floor Tile and Bitumen	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Floor		
<b>LOCATION:</b>	Entrance	<b>EXTENT / QUANTITY:</b>	2 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-002	<b>SAMPLE REF NO.:</b>	S11
			
<b>PRODUCT TYPE:</b>	Bituminous Product	<b>ACCESSIBILITY:</b>	Difficult
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Main Room	<b>EXTENT / QUANTITY:</b>	80 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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Client Name: Carlow County Council  
 Project Number: A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-008	<b>SAMPLE REF NO.:</b>	S3
<b>PRODUCT TYPE:</b>	Vinyl Stair Nosing	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Floor		
<b>LOCATION:</b>	Hall & Stairs	<b>EXTENT / QUANTITY:</b>	40 lin m
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			
<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-016	<b>SAMPLE REF NO.:</b>	Same As S10
<b>PRODUCT TYPE:</b>	Board	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Side Entrance & Linked Corridor	<b>EXTENT / QUANTITY:</b>	25 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
		<b>Survey Date:</b>	22/02/21 to 23/02/21
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Client Name: Carlow County Council  
 Project Number: A-02110

FLOOR:	Ground Floor	SURVEY DATES:	22/02/2021
ROOM NAME / NO.:	0-017	SAMPLE REF NO.:	S8
			
PRODUCT TYPE:	Vinyl Floor Tile and Bitumen	ACCESSIBILITY:	Easy
FOUND IN:	Floor		
LOCATION:	Safe Rooms	EXTENT / QUANTITY:	40 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			
FLOOR:	Ground Floor	SURVEY DATES:	22/02/2021
ROOM NAME / NO.:	0-020	SAMPLE REF NO.:	S10
			
PRODUCT TYPE:	Board	ACCESSIBILITY:	Easy
FOUND IN:	Ceiling		
LOCATION:	Office	EXTENT / QUANTITY:	25 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

Client Name:	Carlow County Council	Project Number:	A-02110
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Sorted by: Location ID

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Co. Carlow

Client Name: Carlow County Council  
Project Number: A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-021	<b>SAMPLE REF NO.:</b>	Same As S10
			
<b>PRODUCT TYPE:</b>	Board	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Kitchen	<b>EXTENT / QUANTITY:</b>	5 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			
<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-022	<b>SAMPLE REF NO.:</b>	Same As S10
			
<b>PRODUCT TYPE:</b>	Board	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Store	<b>EXTENT / QUANTITY:</b>	5 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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Co. Carlow

Client Name: Carlow County Council  
Project Number: A-02110

FLOOR:	Ground Floor	SURVEY DATES:	22/02/2021
ROOM NAME / NO.:	0-023	SAMPLE REF NO.:	Same As S10
			
PRODUCT TYPE:	Board	ACCESSIBILITY:	Easy
FOUND IN:	Ceiling		
LOCATION:	Office	EXTENT / QUANTITY:	15 m <sup>2</sup>
Comments: NO ASBESTOS DETECTED IN ORIGINAL SAMPLE			
FLOOR:	Ground Floor	SURVEY DATES:	22/02/2021
ROOM NAME / NO.:	0-024	SAMPLE REF NO.:	Same As S10
			
PRODUCT TYPE:	Board	ACCESSIBILITY:	Easy
FOUND IN:	Ceiling		
LOCATION:	Office	EXTENT / QUANTITY:	15 m <sup>2</sup>
Comments: NO ASBESTOS DETECTED IN ORIGINAL SAMPLE			

Client Name:	Carlow County Council	Project Number:	A-02110
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Sorted by: Location ID

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Client Name: Carlow County Council  
 Project Number: A-02110

<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-025	<b>SAMPLE REF NO.:</b>	Same As S10
			
<b>PRODUCT TYPE:</b>	Board	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Office	<b>EXTENT / QUANTITY:</b>	15 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			
<b>FLOOR:</b>	Ground Floor	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	0-026	<b>SAMPLE REF NO.:</b>	Same As S10
			
<b>PRODUCT TYPE:</b>	Board	<b>ACCESSIBILITY:</b>	Easy
<b>FOUND IN:</b>	Ceiling		
<b>LOCATION:</b>	Office	<b>EXTENT / QUANTITY:</b>	15 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			



<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
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## Section 10 - Non Asbestos Items

Sorted by: Location ID

Site Address: Former Bank Premises, Court Place, Co. Carlow  
 Client Name: Carlow County Council  
 Project Number: A-02110

<b>FLOOR:</b>	External	<b>SURVEY DATES:</b>	22/02/2021
<b>ROOM NAME / NO.:</b>	99-001	<b>SAMPLE REF NO.:</b>	S6
			
<b>PRODUCT TYPE:</b>	Bituminous Product	<b>ACCESSIBILITY:</b>	Difficult
<b>FOUND IN:</b>	Roof		
<b>LOCATION:</b>	Roof	<b>EXTENT / QUANTITY:</b>	30 m <sup>2</sup>
Comments: <b>NO ASBESTOS DETECTED IN ORIGINAL SAMPLE</b>			

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
		<b>Survey Date:</b>	22/02/21 to 23/02/21
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# Section 11 - Bulk Certificate




**CELTIC ASBESTOS  
CONSULTANCY LTD**

60 Grange Way, Baldoye Industrial Estate, Baldoye, Dublin 13, D13 F8F5  
Tel 01 8323547 Email: [info@cacl.ie](mailto:info@cacl.ie) Website: [www.cacl.ie](http://www.cacl.ie)



## CERTIFICATE FOR THE IDENTIFICATION OF ASBESTOS FIBRES

Client:	Carlow County Council	Sampled by:	Daragh Gogarty
Client Address:	Civic Offices, Athy Road, Co. Carlow	Analysis Report No.:	A-02110
Attention of:	Lorna O'Callaghan	Revision No.:	1
Site Address:	Former Bank Premises, Court Place, Co. Carlow	Report Date:	16/03/2021
Date Samples Taken:	22/02/2021	Client Order Number:	N/A
Date Samples Received:	22/02/2021	Client Project Number:	N/A
Date of Analysis:	12-16/03/2021	No. of Samples Obtained:	11
Analysed by:	Jonathan Fagan	We participate in the Asbestos In Materials Proficiency Scheme	

**Method Statement**

Samples of material, referenced below, have been examined to determine the presence of asbestos fibres, using in-house CACL documented method (QA doc 19c) of transmitted/ polarized light microscopy and dispersion staining, based on the HSG 248 Asbestos: The Analyst Guide. Calibration of equipment and general quality control procedures are in accordance with our quality control documentation (QA doc 19e and QA doc 19f). Sampling methods are in accordance with our INAB accreditation, including documented in-house procedures: QA doc 19a based on guidelines procedures HSG 264. All samples are analysed at our INAB accredited permanent laboratory located at: 60 Grange Way, Baldoye Industrial Estate, Baldoye, Dublin 13, Co. Dublin.

**Disclaimer**

Where samples have been delivered then the site address and actual sample location or sample type is given by the client at the time of delivery. CACL accept no responsibility for the accuracy or competence of the sampling other parties. Under these circumstances CACL cannot be held responsible for the interpretation of the results shown. CACL takes responsibility of sample location/description, only when our own staff obtains the sample(s). Opinions and Interpretations are outside the scope of INAB Accreditation held by Celtic Asbestos Consultancy.

Item Number	Sample Number	Client Ref	Sample Location (Level-Room No) / Sample Type	Fibre Type Detected
1	S1 (6007)	N/A	Ground Floor Entrance – 0-001 / Vinyl Floor Tile (black) and Adhesive (yellow)	NADIS
2	S2 (6008)	N/A	Ground Floor Main Room – 0-002 / Vinyl Floor Tile (beige) and Bitumen (black)	CHRYSTOLE in bitumen
3	S3 (6009)	N/A	Ground Floor Hall & Stairs – 0-008 / Vinyl Stair Nosing (white)	NADIS
4	S4 (6010)	N/A	External Roof – 99-001 / Cement Slate	CHRYSTOLE
5	S5 (6011)	N/A	External Roof – 99-001 / Cement Slate	CHRYSTOLE
6	S6 (6012)	N/A	External Roof – 99-001 / Felt (Bituminous Product)	NADIS
7	S7 (6018)	N/A	Ground Floor Side Entrance & Linked Corridors – 0-016 / Vinyl Floor Tile (beige) and Bitumen (black)	CHRYSTOLE in both
8	S8 (6013)	N/A	Ground Floor Safe Rooms – 0-017 / Vinyl Floor Tile (green)	NADIS
9	S9 (6014)	N/A	Ground Floor Side Entrance & Linked Corridors – 0-016 / Vinyl Floor Tile (yellow), Adhesive (yellow) and Bitumen (black)	CHRYSTOLE in bitumen
10	S10 (6015)	N/A	Ground Floor Office – 0-020 / Board	NADIS
11	S11 (6017)	N/A	Ground Floor Main Room – 0-002 / Resin & Bituminous Product	NADIS

- Material type is a subjective opinion by the analyst based on asbestos content, appearance and experience.

- All samples will be retained in the laboratory for a minimum of 6 months

K	NADIS	= NO ASBESTOS DETECTED IN SAMPLE
	CROCIDOLITE	= Typically known as Blue Asbestos (Amphibole Group)
E	AMOSITE	= Typically Known as Brown Asbestos (Amphibole Group)
	CHRYSTOLE	= Typically Known as White Asbestos (Serpentine Group)
Y	ANTHOPHYLLITE	= Asbestos (Amphibole Group)
	ACTINOLITE	= Asbestos (Amphibole Group)
	TREMOLITE	= Asbestos (Amphibole Group)

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# Section 11 - Bulk Certificate



**CELTIC ASBESTOS  
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Typed By:	<b>Jonathan Fagan</b>	Authorised by:	<i>Jonathan Fagan</i>
Position:	<b>Deputy Technical Manager</b>	Print Name:	<b>Jonathan Fagan</b>
Comments: No additional comments			

QA doc 91a Rev 10 - Bulk Analysis (sampled by CACL's surveyor)  
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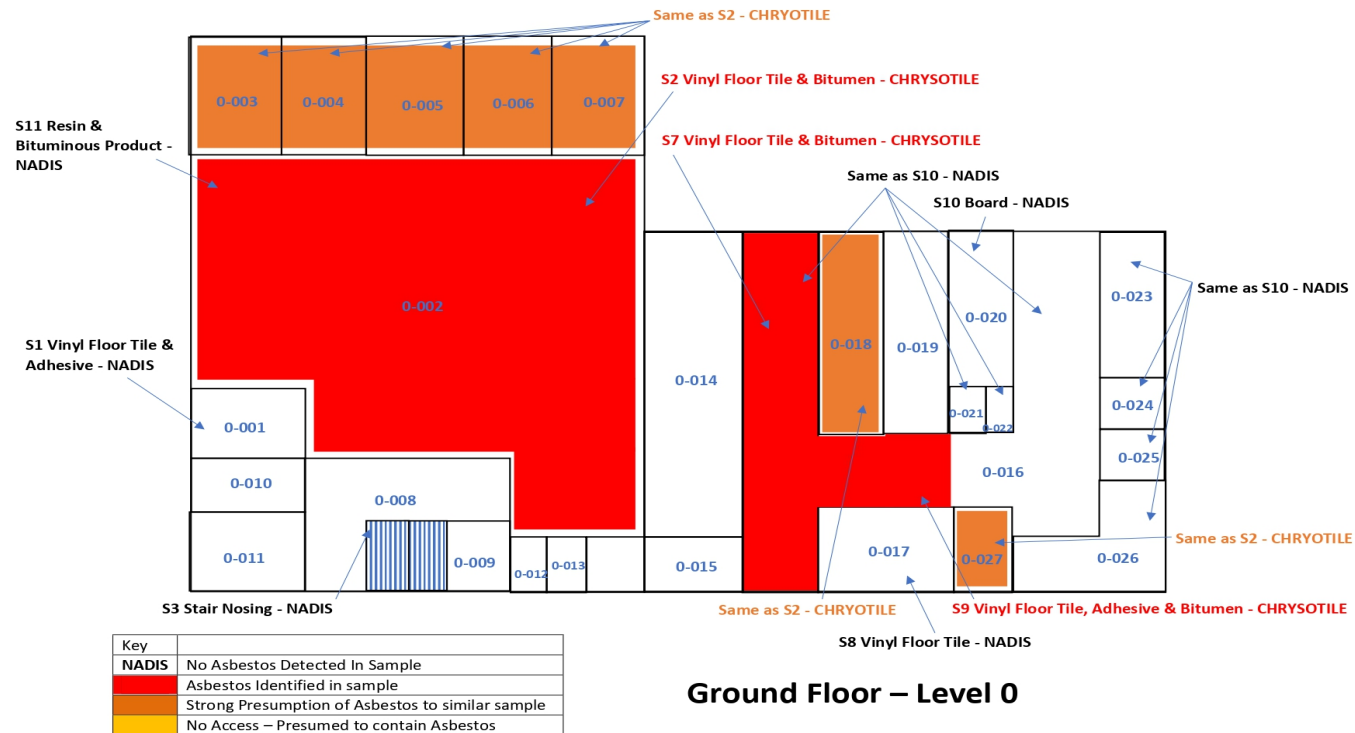
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## Section 12 - Survey Drawings and Documentation

Project Number:

A-02110



Client Name:	Carlow County Council	Project Number:	A-02110
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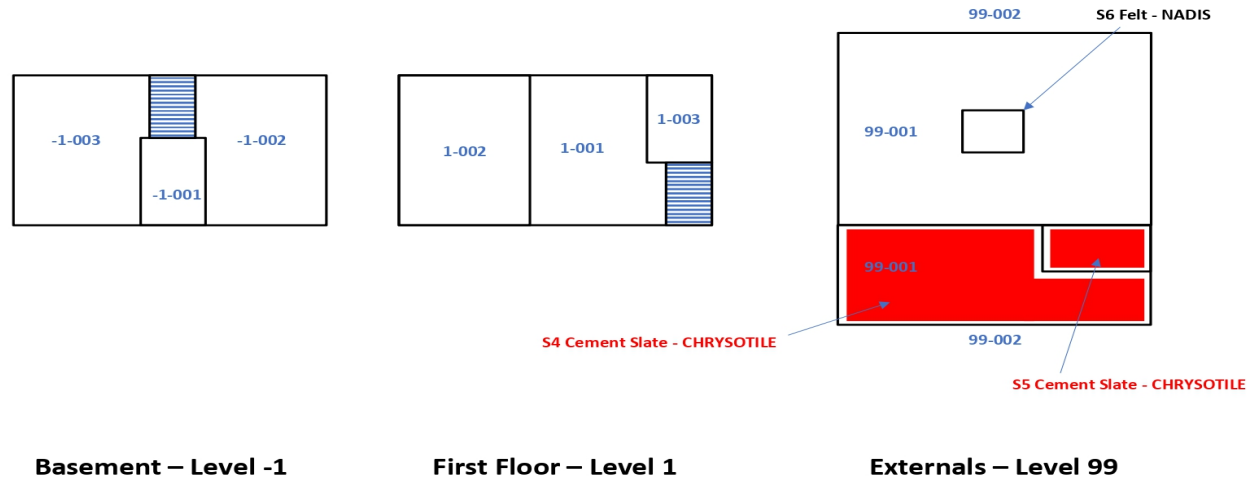
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## Section 12 - Survey Drawings and Documentation

Project Number:

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Key	
NADIS	No Asbestos Detected In Sample
Red	Asbestos Identified in sample
Orange	Strong Presumption of Asbestos to similar sample
Yellow	No Access – Presumed to contain Asbestos

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## Section 13 - Asbestos Register

Project Number: A-02110

<b>Refurbishment &amp; Demolition Survey:</b>	Former Bank Premises, Court Place, Co. Carlow	<b>Surveyor(s):</b>	Daragh Gogarty	<b>Survey Date:</b>	22/02/21 to 23/02/21
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### Former Bank Premises, Court Place, Co. Carlow

Area Surveyed	Sample Number	Location and Use of Material	Asbestos Type	Condition	Accessibility	Extent	Material Risk Assessment Score	Recommended Action
Ground Floor	Presumed	Entrance 0-001 - Electrical panel (Flash Guards)	Chrysotile	Low Damage	Difficult	N/A	5	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected
Ground Floor	Presumed	Main Room 0-002 - Safe (Board)	Chrysotile/ Amosite	Low Damage	Difficult	2 no	6	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected
Ground Floor	S2	Main Room 0-002 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	50 m <sup>2</sup>	5	Remove
Ground Floor	Same As S2	Front Office 1 0-003 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	5 m <sup>2</sup>	5	Remove
Ground Floor	Same As S2	Office 2 0-004 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	8 m <sup>2</sup>	5	Remove
Ground Floor	Same As S2	Office 3 0-005 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	8 m <sup>2</sup>	5	Remove
Ground Floor	Same As S2	Office 4 0-006 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	8 m <sup>2</sup>	5	Remove

#### MATERIAL RISK SCORES ABOVE 10 HAVE HIGH POTENTIAL TO RELEASE FIBRES

<b>Client Name:</b>	Carlow County Council	<b>Project Number:</b>	A-02110
		<b>Survey Date:</b>	22/02/21 to 23/02/21
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## Section 13 - Asbestos Register

Project Number: A-02110

### Former Bank Premises, Court Place, Co. Carlow

Area Surveyed	Sample Number	Location and Use of Material	Asbestos Type	Condition	Accessibility	Extent	Material Risk Assessment Score	Recommended Action
Ground Floor	Same As S2	Corner Office 5 0-007 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	8 m <sup>2</sup>	5	Remove
Ground Floor	S7	Side Entrance & Linked Corridors 0-016 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	10 m <sup>2</sup>	5	Remove
Ground Floor	S9	Side Entrance & Linked Corridors 0-016 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	5 m <sup>2</sup>	5	Remove
Ground Floor	Presumed	Safe Rooms 0-017 - Doors (Board)	Chrysotile/ Amosite	Low Damage	Difficult	2	6	Investigate further, remove if affected by refurbishment works or label & manage & review every 12 months if not affected
Ground Floor	Same As S7	Toilet 0-018 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	8 m <sup>2</sup>	5	Remove
Ground Floor	Same As S7	Store 0-022 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	5 m <sup>2</sup>	5	Remove
Ground Floor	Same As S7	Store 0-027 - Floor (Vinyl Floor Tile and Bitumen)	Chrysotile	High Damage	Easy	5 m <sup>2</sup>	5	Remove
External	S5	Roof 99-001 - Roof (Cement Slate)	Chrysotile	Medium Damage		30 m <sup>2</sup>	5	Remove
External	S4	Roof 99-001 - Roof (Cement Slate)	Chrysotile	Medium Damage		100 m <sup>2</sup>	5	Remove

#### MATERIAL RISK SCORES ABOVE 10 HAVE HIGH POTENTIAL TO RELEASE FIBRES

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