



Our Ref: J102460 FI: 65  
Your Ref: /  
Date: 15/08/2016

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**DEMOLITION ASBESTOS SURVEY**  
  
**OF**  
  
**BUILDING 166,  
HMS DAEDALUS,  
BROOM WAY,  
LEE-ON-SOLENT  
PO13 9YA**  
  
**ON BEHALF OF**  
  
**HOMES & COMMUNITIES AGENCY**

## DISCLAIMER

Envirochem completed this survey on the basis of a specified program of work and terms and conditions agreed with the Client. All reasonable skill and care, bearing in mind the project objectives and the agreed scope of work, have been exercised during the preparation of this survey report.

Following the issue of this survey report, responsibility to any parties for any matters arising, which may be considered outside of the agreed scope of work, will not be accepted by Envirochem.

This survey report is confidential. Envirochem will accept liability to no parties with the exception of the Client. Without the written agreement of Envirochem, no one with the exception of the Client, may rely upon or have the benefit of this survey report.

Envirochem asserts and retains all copyright, and other intellectual property rights, in and over the survey report and its contents unless these rights were specifically assigned or transferred within the terms of the agreement.

Any questions or matters arising from this survey report should be addressed to Envirochem.

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	Name	Signed	Dated
Report Authorised By	<div style="background-color: black; width: 100px; height: 1.2em; display: inline-block;"></div> (Lead Surveyor)	<div style="background-color: black; width: 250px; height: 40px; display: inline-block;"></div>	17 Aug 2016

## SECTION 1 - Executive Summary

This report is based on the findings of a demolition asbestos survey (as defined by Health and Safety Executive (HSE) Guidance Note HSG264: Asbestos: The Survey Guide) carried out by Envirochem at Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA. The purpose of the survey was to determine the location, extent and product type of all reasonably accessible asbestos containing materials (ACM's) within the building.

### *Scope of work*

Demolition survey to building 166

### *Asbestos identified*

SAMPLE NUMBER	SAMPLE DESCRIPTION	PRODUCT TYPE
Sample 7	Building 166. First Floor. 1.01 Room 32, Dampener pad beneath sink	Bitumen
Sample 26	Building 166. First Floor. 1.14 Lobby 5, Textured coating to plasterboard ceiling	Textured Coating
Sample 38	Building 166. Ground Floor. G.03 Room 2, Dampener pad beneath sink	Bitumen
Sample 42	Building 166. Ground Floor. G.06 Room 4, Dampener pad beneath sink	Bitumen
Sample 44	Building 166. Ground Floor. G.07 Room 5, Dampener pad beneath sink	Bitumen
Sample 45	Building 166. Ground Floor. G.08 Lobby 2, Adhesive to wooden floor covering	Bitumen
Ref. Sample 45	Building 166. Ground Floor. G.11 Lobby 3, Adhesive to wooden floor covering	Bitumen
Ref. Sample 45	Building 166. Ground Floor. G.15 Lobby 4, Adhesive to wooden floor covering	Bitumen
Sample 49	Building 166. Ground Floor. G.10 Room 6, Vinyl floor tiles (green) and bitumen adhesive beneath to concrete floor	Vinyl tile
Sample 50	Building 166. Ground Floor. G.12 Room 7 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Vinyl tile
Ref. Sample 50	Building 166. Ground Floor. G.13 Room 8, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Vinyl tile
Ref. Sample 50	Building 166. Ground Floor. G.14 Room 9 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to wooden and concrete floor	Vinyl tile
Sample 51	Building 166. Ground Floor. G.12 Room 7 and Cupboard, Woven insulation wrap around pipework running from cupboard across ceiling into room 7 (wrap continues below foam insulation)	Woven
Sample 63	Building 166. External. E.02 External, Cement flue pipe and cap exiting rear of building adjacent to room 8	Asbestos Cement
Visual 1	Building 166. Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Electrical cupboard, woven and bitumen sealing end wrap to x2 electric cables exiting fuse box and continuing into floor void	Asbestos Textiles/Paper
Visual 2	Building 166. External. E.01 Boiler House, Gaskets to pipework flanges throughout boiler house (cannot access to sample)	Asbestos Textiles/Paper
Visual 3	Building 166. External. E.02 External, Cement undercloaking to pitched roofs throughout	Asbestos Cement

### *Areas of no access*

The following areas were not accessed at the time of the survey:

AREA	REASON FOR NON-ACCESS
There were no areas of no access in the survey.	

Until the above locations are accessed, as stated within HSE Guidance Note HSG 264, it should be presumed that these areas contain ACMs.

### *Asbestos containing materials and actions required*

SAMPLE NUMBER	SAMPLE DESCRIPTION	PRODUCT TYPE	ACTION REQUIRED
Sample 7	Building 166. First Floor. 1.01 Room 32, Dampener pad beneath sink	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 26	Building 166. First Floor. 1.14 Lobby 5, Textured coating to plasterboard ceiling	Textured Coating	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 38	Building 166. Ground Floor. G.03 Room 2, Dampener pad beneath sink	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 42	Building 166. Ground Floor. G.06 Room 4, Dampener pad beneath sink	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 44	Building 166. Ground Floor. G.07 Room 5, Dampener pad beneath sink	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 45	Building 166. Ground Floor. G.08 Lobby 2, Adhesive to wooden floor covering	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Ref. Sample 45	Building 166. Ground Floor. G.11 Lobby 3, Adhesive to wooden floor covering	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Ref. Sample 45	Building 166. Ground Floor. G.15 Lobby 4, Adhesive to wooden floor covering	Bitumen	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 49	Building 166. Ground Floor. G.10 Room 6, Vinyl floor tiles (green) and bitumen adhesive beneath to concrete floor	Vinyl tile	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 50	Building 166. Ground Floor. G.12 Room 7 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Vinyl tile	Removal of non-licensed ACMs (Remove (non-licensed))
Ref. Sample	Building 166. Ground Floor. G.13 Room 8, Vinyl floor tiles (blue)	Vinyl tile	Removal of non-licensed

50	and bitumen adhesive beneath to concrete floor		ACMs (Remove (non-licensed))
Ref. Sample 50	Building 166. Ground Floor. G.14 Room 9 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to wooden and concrete floor	Vinyl tile	Removal of non-licensed ACMs (Remove (non-licensed))
Sample 51	Building 166. Ground Floor. G.12 Room 7 and Cupboard, Woven insulation wrap around pipework running from cupboard across ceiling into room 7 (wrap continues below foam insulation)	Woven	Removal of licensed ACMs (Remove (licensed))
Sample 63	Building 166. External. E.02 External, Cement flue pipe and cap exiting rear of building adjacent to room 8	Asbestos Cement	Removal of non-licensed ACMs (Remove (non-licensed))
Visual 1	Building 166. Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Electrical cupboard, woven and bitumen sealing end wrap to x2 electric cables exiting fuse box and continuing into floor void	Asbestos Textiles/Paper	Removal of non-licensed ACMs (Remove (non-licensed))
Visual 2	Building 166. External. E.01 Boiler House, Gaskets to pipework flanges throughout boiler house (cannot access to sample)	Asbestos Textiles/Paper	Removal of non-licensed ACMs (Remove (non-licensed))
Visual 3	Building 166. External. E.02 External, Cement undercloaking to pitched roofs throughout	Asbestos Cement	Removal of non-licensed ACMs (Remove (non-licensed))

The purpose of this survey is to identify the asbestos containing materials that are present, with the assumption that during demolition, all ACM's discovered are to be removed.

## SECTION 2 – Introduction

Envirochem Analytical Laboratories Ltd is a well established, independent organisation. We are United Kingdom Accreditation Service (UKAS) accredited as a testing laboratory (Number: 1227) and as an inspection body (Number: 260). This accreditation covers fibre identification of asbestos bulk samples, air monitoring for asbestos and asbestos building surveys. All asbestos lead surveyors hold, as a minimum qualification, the British Occupational Hygiene Society (BOHS) proficiency certificate in Building surveys and bulk sampling for asbestos (P402). Likewise, those employed in the other fields mentioned hold, as a minimum qualification, the relevant BOHS proficiency certificate.

We also have expertise and experience in setting up and monitoring asbestos management plans.

This report is based on the findings of a demolition (as defined by Health and Safety Executive (HSE) Guidance Note HSG264: Asbestos: The Survey Guide) survey carried out by Envirochem at Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA.

The survey was carried out on the 13th June 2016 by [REDACTED] on behalf of Envirochem Analytical Laboratories Ltd, 12 The Gardens, Fareham, Hampshire, PO16 8SS, as instructed by [REDACTED] of Campbell Reith of Homes & Communities Agency, 2 Rivergate, Temple Quay, Bristol, BS1 6EH.

The purpose of the survey was to determine the location, extent and product type of all asbestos containing materials (ACM's) within the areas covered by this survey report. This information should form part of the Health and Safety plan for any proposed demolition work, as required by the CDM Regulations and/or the Control of Asbestos Regulations 2012.

*For further information with respect to the survey report or to arrange asbestos removal work or to arrange a free consultation at our premises please contact [REDACTED].*

The location and description, as far as was reasonably possible, of all suspected ACM's within all areas of the building were recorded. ACM's have not been disturbed or removed during the course of this survey. There is the possibility for additional ACM's to be present behind those identified, which may only be discovered during subsequent asbestos removal work.

Samples of each different type of suspected ACM were collected in accordance with HSE Guidance Note HSG264 for laboratory analysis. The samples were then analysed in accordance with HSE Guidance Note HSG248 to identify, which suspected ACM's, actually contained asbestos.

For sampled suspected ACM's, similar homogenous materials used in the same way throughout the building have not been sampled. In this instance the referenced suspected ACM can be strongly presumed to have the same make up as the sampled suspected ACM. Where a suspected ACM cannot be sampled but visually identified only there will be a presumption as to the make up of the material.

The survey is designed to be used as a basis for costing the removal of ACM's from the building prior to demolition. Any person or people using the report in this way must satisfy themselves as to the extent of the ACM's within the designated area and thereby ensure that their tender is sufficient in every respect to remove all the ACM's within these areas, including the possibility of any that may be hidden behind identified, strongly presumed or presumed ACM's.

Due to the situation in which the survey is required the condition of the asbestos is not assessed and an asbestos material assessment is not created, instead a list of asbestos containing materials is developed. It should be noted that even when there are no ACM's identified in any particular area this is not a guarantee that ACM's are not present in this area. For instance ACM's may be located within the structure of the building and not identified until demolition of the building. Due caution must always be taken when dealing with building materials and suspected ACM's must be reported and left undisturbed until further investigation proves it safe to proceed.



## SECTION 3 - Initial Observations

A demolition asbestos survey was carried out at Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA.  
Demolition survey to building 166

Externally the building is constructed of brick walls, damp proof course to brick walls, clay tiled pitched roofs, cement undercloaking to pitched roofs, metal and plastic roofing sheets to outhouses and boiler house, flat lead roof to room 6, lead flashing to roofs, wooden soffit and fascia boards, plastic and cast iron gutterings and downpipes, concrete window sills, wood, metal and uPVC window frames, uPVC and wooden doors, metal flue exiting boiler house, cement flue and cap exiting room 8, metal ducting.





## SECTION 4 - Areas of No Access

During the course of this survey no ACM's have been disturbed or removed. There is the possibility that additional ACM's may be present behind those identified. These additional ACM's would only become evident during any subsequent asbestos removal work.

### Specific Areas of No Access

AREA	REASON FOR NON-ACCESS
There were no areas of no access in the survey.	

As stated within HSE Guidance Note HSG264 areas where access cannot be gained must be presumed to contain ACM's until evidence can prove otherwise. All areas listed above should be revisited prior to further works.

## SECTION 5 - Method Statement

### **Sampling of Suspected Asbestos Containing Materials (ACM's)**

Samples of each different type of suspected ACM were collected in accordance with HSE Guidance Note HSG264 for laboratory analysis.

- The surveyor(s) visited each area to identify the position and number of samples. Also they assessed the health and safety requirements both for the occupiers of the adjacent areas as well as the surveyors.
- During sampling, the surveyors wore the personal protective equipment as appropriate to the risk assessment. In critical areas, warning signs were posted to restrict access during sampling.
- Sampling locations were damped down to reduce the risk of fibre release and samples were collected with shadow vacuuming where necessary. Upon completion of the sampling any debris created was cleaned by either H-type vacuums or wet wiping.
- The sample was placed in a labelled plastic bag, sealed and then placed in a second bag. Where required the sampling position was made good to minimise fibre release and labelled.
- Details of the samples location, product type, extent were recorded to enable a list of asbestos containing materials to be prepared.

### **Fibre Identification of Suspected Asbestos Containing Materials (ACM's)**

Each sampled suspected ACM was analysed in the laboratory in accordance with HSE Guidance Note HSG248. This analysis involved stereo microscopy and polarised light microscopy in association with dispersion staining techniques.

Using polarised light microscopy very fine asbestos fibres such as those present in some textured coatings may not always be identifiable.

## SECTION 6 - Asbestos Removal and Disposal

Under the Control of Asbestos Regulations 2012, there are three categories of asbestos removal; licensed, non notifiable and notifiable non-licensed work. For licensed work, generally involving asbestos insulation, insulation board and coatings, only a HSE licensed asbestos removal specialist can carry out this work. This work would generally take place inside an enclosure incorporating a three-stage airlock and kept under negative pressure.

Licensable work can only occur once a 14-day period has passed since the HSE received notification from the HSE licensed asbestos removal specialist of the forthcoming asbestos work.

The other two categories, non notifiable and notifiable non-licensed work, trained operatives with the correct equipment should be used as a minimum, Envirochem would always recommend using a licensed contractor for this work. For the purpose of this survey report, all work that would fall into these two categories have been classified as, removal (non-licensed). If these materials are to be removed, a risk assessment should be carried out by the removal operatives on the condition of the material at the time of pre removal and the expected fibre levels from similar work to allow the material to be categorised as non notifiable or notifiable non-licensed work. If the material is classified as notifiable non-licensed work, the local authority should be informed of the removal works prior to it commencing.

All waste with an asbestos content in excess of 0.1% of the total weight is classified as special waste and therefore must be deposited at a site which is licensed to accept special waste.

It is the recommendation of Envirochem that all work involving ACM's is undertaken by a HSE licensed asbestos removal specialist to ensure all legislation and guidelines are adhered to.

*For information regarding work with asbestos or to arrange work with asbestos please contact M*



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## Asbestos Fibre Identification Report

**Client:** Homes & Communities Agency  
2 Rivergate, Temple Quay, Bristol, BS1 6EH

**Site Address:** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 1	AO000256	Building 166, Roof Void. R.01 Roof Void 1, Dust and debris to floor throughout void	No	
Sample 2	AO000257	Building 166, Roof Void. R.01 Roof Void 1, Residue to wooden eaves throughout void	No	
Sample 3	AO000258	Building 166, Roof Void. R.02 Roof Void 2, Dust and debris to floor throughout void	No	
Sample 4	AO000259	Building 166, Roof Void. R.02 Roof Void 2, Residue to wooden eaves throughout void	No	

#### NOTES:

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

SIGNATURE: [REDACTED]

Authorised signatory

PRINT NAME: [REDACTED]

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



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**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 5	AO000260	Building 166, First Floor. 1.01 Room 32, Vinyl floor lay (grey) to wooden floor	No	
Sample 6	AO000261	Building 166, First Floor. 1.01 Room 32, Vinyl floor lay (grey) to wooden floor within wooden cupboard to front right hand side wall	No	
Sample 7	AO000262	Building 166, First Floor. 1.01 Room 32, Dampener pad beneath sink	Yes	Chrysotile
Sample 8	AO000263	Building 166, First Floor. 1.02 Room 33, Vinyl floor lay (red) to wooden floor	No	

#### NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
2. Samples collected by the client are evaluated using information provided by the client. For samples collected by the client the date of receipt is deemed to be the same as the date sampled.
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SIGNATURE: [REDACTED]

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**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 9	AO000264	Building 166, First Floor. 1.02 Room 33, Dampener and drainer pads beneath sink and drainer	No	
Sample 10	AO000265	Building 166, First Floor. 1.03 Room 31, Toilet cistern	No	
Sample 11	AO000266	Building 166, First Floor. 1.04 Lobby 6, Vinyl floor lay (brown) to wooden floor	No	
Sample 12	AO000267	Building 166, First Floor. 1.04 Lobby 6, Vinyl floor lay (grey) to wooden floor within cupboard	No	

#### NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 13	AO000582	Building 166, First Floor. 1.05 Room 30, Floor void, dust and debris within	No	
Sample 14	AO000583	Building 166, First Floor. 1.05 Room 30, Vinyl floor lay (green) to wooden floor within cupboard	No	
Sample 15	AO000584	Building 166, First Floor. 1.06 Room 27, Floor void, dust and debris within	No	
Sample 16	AO000585	Building 166, First Floor. 1.06 Room 27, Vinyl floor lay (brown) to wooden floor	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 17	AO000586	Building 166, First Floor. 1.08 Room 25, Floor void, dust and debris within	No	
Sample 18	AO000587	Building 166, First Floor. 1.09 Room 26, Vinyl floor lay (grey) to wooden floor	No	
Sample 19	AO000588	Building 166, First Floor. 1.10 Room 24, Vinyl floor lay (brown) to wooden floor	No	
Sample 20	AO000589	Building 166, First Floor. 1.11 Room 23, Floor void, dust and debris within	No	

#### NOTES:

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Date: 15/08/2016

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## Asbestos Fibre Identification Report

**Client:** Homes & Communities Agency  
2 Rivergate, Temple Quay, Bristol, BS1 6EH

**Site Address:** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 21	AO000590	Building 166, First Floor. 1.11 Room 23, Vinyl floor lay (red) to wooden floor within cupboard	No	
Sample 22	AO000591	Building 166, First Floor. 1.12 Room 22, Toilet cistern	No	
Sample 23	AO000592	Building 166, First Floor. 1.13 Room 21, Floor void, dust and debris within	No	
Sample 24	AO000593	Building 166, First Floor. 1.13 Room 21, Vinyl floor lay (green) to wooden floor	No	

#### NOTES:

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

SIGNATURE: [REDACTED]

Authorised signatory

PRINT NAME: [REDACTED]

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**Site Address:** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 25	AO000594	Building 166, First Floor. 1.14 Lobby 5, Vinyl floor lay (brown) to wooden floor	No	
Sample 26	AO000595	Building 166, First Floor. 1.14 Lobby 5, Textured coating to plasterboard ceiling	Yes	Chrysotile
Sample 27	AO000596	Building 166, First Floor. 1.14 Lobby 5, Vinyl nosing (black) to x2 steps	No	
Sample 28	AO000597	Building 166, First Floor. 1.16 Staircase 1 to Ground Floor, Middle vertical pipe, insulation to pipe bend/knuckle	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 29	AO000598	Building 166, First Floor. 1.17 Throughout, Woven rope pull cords to wooden sash window frames throughout	No	
Sample 30	AO000605	Building 166, First Floor. 1.15 Staircase 2 to Ground Floor, Vinyl nosing (white) to stairs	No	
Sample 31	AO000606	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Insulation to right hand side bottom section of vertical pipe adjacent to staircase	No	
Sample 32	AO000607	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Adhesive to wooden floor covering	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 33	AO000608	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Floor void, dust and debris within	No	
Sample 34	AO000609	Building 166, Ground Floor. G.02 Understair Cupboard 1, Insulation board panels to ceiling	No	
Sample 35	AO000610	Building 166, Ground Floor. G.03 Room 2, Vinyl floor lay (dark blue) to wooden floor	No	
Sample 36	AO000611	Building 166, Ground Floor. G.03 Room 2, Vinyl floor lay (light blue) to wooden floor	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 37	AO000612	Building 166, Ground Floor. G.03 Room 2, Floor void, dust and debris within	No	
Sample 38	AO000613	Building 166, Ground Floor. G.03 Room 2, Dampener pad beneath sink	Yes	Chrysotile
Sample 39	AO000615	Building 166, Ground Floor. G.04 Room 1, Floor void, dust and debris within	No	
Sample 40	AO000616	Building 166, Ground Floor. G.05 Room 3, Floor void, dust and debris within	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 41	AO000617	Building 166, Ground Floor. G.06 Room 4, Vinyl floor lay (beige) to wooden floor	No	
Sample 42	AO000618	Building 166, Ground Floor. G.06 Room 4, Dampener pad beneath sink	Yes	Chrysotile
Sample 43	AO000619	Building 166, Ground Floor. G.07 Room 5, Vinyl floor lay (brown) to wooden floor	No	
Sample 44	AO000620	Building 166, Ground Floor. G.07 Room 5, Dampener pad beneath sink	Yes	Chrysotile

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 45	AO000621	Building 166, Ground Floor. G.08 Lobby 2, Adhesive to wooden floor covering	Yes	Chrysotile
Sample 46	AO000622	Building 166, Ground Floor. G.08 Lobby 2, Floor void, dust and debris within	No	
Sample 47	AO000623	Building 166, Ground Floor. G.09 Understair Cupboard 2, Insulation board panels to ceiling	No	
Sample 48	AO000624	Building 166, Ground Floor. G.09 Understair Cupboard 2, Vinyl floor lay (green) to wooden floor	No	

#### NOTES:

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

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 49	AO000625	Building 166, Ground Floor. G.10 Room 6, Vinyl floor tiles (green) and bitumen adhesive beneath to concrete floor	Yes	Chrysotile
Sample 50	AO000626	Building 166, Ground Floor. G.12 Room 7 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Yes	Chrysotile
Sample 51	AO000627	Building 166, Ground Floor. G.12 Room 7 and Cupboard, Woven insulation wrap around pipework running from cupboard across ceiling into room 7 (wrap continues below foam insulation)	Yes	Chrysotile
Sample 52	AO000628	Building 166, Ground Floor. G.16 Outhouse 1, Gaskets to green painted metal ducting flanges to right hand side wall	No	

#### NOTES:

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

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**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 53	AO000629	Building 166, Ground Floor. G.17 Lobby 4 Cupboard, Vinyl lay (dark green) to tops of wooden shelving	No	
Sample 54	AO000630	Building 166, External. E.01 Boiler House, Insulation board panels to ceiling	No	
Sample 55	AO000631	Building 166, External. E.01 Boiler House, Residue to right and left hand side brick walls beneath paint	No	
Sample 56	AO000632	Building 166, External. E.01 Boiler House, Residue to front and rear brick walls beneath paint	No	

#### NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
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**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 57	AO000633	Building 166, External. E.01 Boiler House, Dust and debris to floor throughout boiler house	No	
Sample 58	AO000634	Building 166, External. E.01 Boiler House, Insulation to metal pipework behind metal cladding throughout boiler house	No	
Sample 59	AO000635	Building 166, External. E.01 Boiler House, Gasket to front of boiler around pump attachment	No	
Sample 60	AO000636	Building 166, External. E.01 Boiler House, Insulation linings to boiler within metal boiler casing	No	

#### NOTES:

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**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 61	AO000637	Building 166, External. E.01 Boiler House, Gaskets to boiler sections within metal boiler casing	No	
Sample 62	AO000638	Building 166, External. E.02 External, Damp proof course to brick walls	No	
Sample 63	AO000639	Building 166, External. E.02 External, Cement flue pipe and cap exiting rear of building adjacent to room 8	Yes	Chrysotile
Sample 64	AO000640	Building 166, External. E.02 External, Putty surrounding window glazing to wooden window frames throughout	No	

#### NOTES:

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

PRINT NAME: [REDACTED]

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



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



Our Ref: J102460 FI: 65  
Your Ref: /  
Date: 15/08/2016

Tel: (01329) 287777  
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xxxxxx@xxxxxxxxxx.xx.

## Asbestos Fibre Identification Report

**Client:** Homes & Communities Agency  
2 Rivergate, Temple Quay, Bristol, BS1 6EH

**Site Address:** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Sampled By:** [REDACTED], Envirochem

**Date sampled/received:** 13th June 2016

**Date analysed:** 12th August 2016

**Analyst/s:** [REDACTED]

**Analysis Location:** 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

### ANALYTICAL PROCEDURE

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

### RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
Sample 65	AO000641	Building 166, External. E.02 External, Putty surrounding metal window glazing to boiler house window	No	

#### NOTES:

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

SIGNATURE: [REDACTED]

Authorised signatory

PRINT NAME: [REDACTED]

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# Envirochem Analytical Laboratories Ltd.

## Appendix 2 - List of Asbestos Containing Materials

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA  
**Date of Survey** 13th June 2016  
**Reference Number** J102460

Sample No.	Location	Level of Identification	Product Type	Asbestos Type	Extent
Sample 7	Building 166, First Floor. 1.01 Room 32, Dampener pad beneath sink	Identified	Bitumen	Chrysotile	1no.
Sample 26	Building 166, First Floor. 1.14 Lobby 5, Textured coating to plasterboard ceiling	Identified	Textured Coating	Chrysotile	10m <sup>2</sup>
Sample 38	Building 166, Ground Floor. G.03 Room 2, Dampener pad beneath sink	Identified	Bitumen	Chrysotile	1no.
Sample 42	Building 166, Ground Floor. G.06 Room 4, Dampener pad beneath sink	Identified	Bitumen	Chrysotile	1no.
Sample 44	Building 166, Ground Floor. G.07 Room 5, Dampener pad beneath sink	Identified	Bitumen	Chrysotile	1no.
Sample 45	Building 166, Ground Floor. G.08 Lobby 2, Adhesive to wooden floor covering	Identified	Bitumen	Chrysotile	25m <sup>2</sup>
Ref. Sample 45	Building 166, Ground Floor. G.11 Lobby 3, Adhesive to wooden floor covering	Strongly Presumed	Bitumen	Chrysotile	1m <sup>2</sup>
Ref. Sample 45	Building 166, Ground Floor. G.15 Lobby 4, Adhesive to wooden floor covering	Strongly Presumed	Bitumen	Chrysotile	1m <sup>2</sup>



# Envirochem Analytical Laboratories Ltd.

## Appendix 2 - List of Asbestos Containing Materials

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA  
**Date of Survey** 13th June 2016  
**Reference Number** J102460

Sample No.	Location	Level of Identification	Product Type	Asbestos Type	Extent
Sample 49	Building 166, Ground Floor. G.10 Room 6, Vinyl floor tiles (green) and bitumen adhesive beneath to concrete floor	Identified	Vinyl tile	Chrysotile	4m <sup>2</sup>
Sample 50	Building 166, Ground Floor. G.12 Room 7 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Identified	Vinyl tile	Chrysotile	28m <sup>2</sup>
Ref. Sample 50	Building 166, Ground Floor. G.13 Room 8, Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor	Strongly Presumed	Vinyl tile	Chrysotile	8m <sup>2</sup>
Ref. Sample 50	Building 166, Ground Floor. G.14 Room 9 and Cupboard, Vinyl floor tiles (blue) and bitumen adhesive beneath to wooden and concrete floor	Strongly Presumed	Vinyl tile	Chrysotile	20m <sup>2</sup>
Sample 51	Building 166, Ground Floor. G.12 Room 7 and Cupboard, Woven insulation wrap around pipework running from cupboard across ceiling into room 7 (wrap continues below foam insulation)	Identified	Woven	Chrysotile	5lm
Sample 63	Building 166, External. E.02 External, Cement flue pipe and cap exiting rear of building adjacent to room 8	Identified	Asbestos Cement	Chrysotile	2lm
Visual 1	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Electrical cupboard, woven and bitumen sealing end wrap to x2 electric cables exiting fuse box and continuing into floor void	Presumed	Asbestos Textiles/Paper	Chrysotile	2lm
Visual 2	Building 166, External. E.01 Boiler House, Gaskets to pipework flanges throughout boiler house (cannot access to sample)	Presumed	Asbestos Textiles/Paper	Chrysotile	2no.

**Envirochem Analytical Laboratories Ltd.**  
**Appendix 2 - List of Asbestos Containing Materials**

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA  
**Date of Survey** 13th June 2016  
**Reference Number** J102460

Sample No.	Location	Level of Identification	Product Type	Asbestos Type	Extent
Visual 3	Building 166, External. E.02 External, Cement undercloaking to pitched roofs throughout	Presumed	Asbestos Cement	Crocidolite (or unknown)	60lm

# Envirochem Analytical Laboratories Ltd.

## Appendix 3 - List of Negative Samples

Page 32 of 41

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Date of Survey** 13th June 2016

**Reference Number** J102460

**Surveyors** XXXXXXXXXX

Sample No.	Location	Product Type
Sample 1	Building 166, Roof Void. R.01 Roof Void 1, Dust and debris to floor throughout void	Debris
Sample 2	Building 166, Roof Void. R.01 Roof Void 1, Residue to wooden eaves throughout void	Debris
Sample 3	Building 166, Roof Void. R.02 Roof Void 2, Dust and debris to floor throughout void	Debris
Sample 4	Building 166, Roof Void. R.02 Roof Void 2, Residue to wooden eaves throughout void	Debris
Sample 5	Building 166, First Floor. 1.01 Room 32, Vinyl floor lay (grey) to wooden floor	Vinyl tile
Sample 6	Building 166, First Floor. 1.01 Room 32, Vinyl floor lay (grey) to wooden floor within wooden cupboard to front right hand side wall	Vinyl tile
Sample 8	Building 166, First Floor. 1.02 Room 33, Vinyl floor lay (red) to wooden floor	Vinyl lay
Ref. Sample 8	Building 166, First Floor. 1.02 Room 33, Vinyl lay (red) to top of work bench	Vinyl lay
Ref. Sample 8	Building 166, First Floor. 1.03 Room 31, Vinyl floor lay (red) to wooden floor	Vinyl lay
Sample 9	Building 166, First Floor. 1.02 Room 33, Dampener and drainer pads beneath sink and drainer	Felt
Sample 10	Building 166, First Floor. 1.03 Room 31, Toilet cistern	Cement
Sample 11	Building 166, First Floor. 1.04 Lobby 6, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Sample 12	Building 166, First Floor. 1.04 Lobby 6, Vinyl floor lay (grey) to wooden floor within cupboard	Vinyl lay
Sample 13	Building 166, First Floor. 1.05 Room 30, Floor void, dust and debris within	Dust/Debris
Sample 14	Building 166, First Floor. 1.05 Room 30, Vinyl floor lay (green) to wooden floor within cupboard	Vinyl lay
Sample 15	Building 166, First Floor. 1.06 Room 27, Floor void, dust and debris within	Dust/Debris
Sample 16	Building 166, First Floor. 1.06 Room 27, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Ref. Sample 16	Building 166, First Floor. 1.07 Room 28, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Ref. Sample 16	Building 166, First Floor. 1.08 Room 25, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Sample 17	Building 166, First Floor. 1.08 Room 25, Floor void, dust and debris within	Dust/Debris
Sample 18	Building 166, First Floor. 1.09 Room 26, Vinyl floor lay (grey) to wooden floor	Vinyl lay
Sample 19	Building 166, First Floor. 1.10 Room 24, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Ref. Sample 19	Building 166, First Floor. 1.12 Room 22, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Sample 20	Building 166, First Floor. 1.11 Room 23, Floor void, dust and debris within	Dust/Debris

# Envirochem Analytical Laboratories Ltd.

## Appendix 3 - List of Negative Samples

Page 33 of 41

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Date of Survey** 13th June 2016

**Reference Number** J102460

**Surveyors** XXXXXXXXXX

Sample 21	Building 166, First Floor. 1.11 Room 23, Vinyl floor lay (red) to wooden floor within cupboard	Vinyl lay
Sample 22	Building 166, First Floor. 1.12 Room 22, Toilet cistern	Composite / Resin
Sample 23	Building 166, First Floor. 1.13 Room 21, Floor void, dust and debris within	Dust/Debris
Sample 24	Building 166, First Floor. 1.13 Room 21, Vinyl floor lay (green) to wooden floor	Vinyl lay
Sample 25	Building 166, First Floor. 1.14 Lobby 5, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Ref. Sample 25	Building 166, First Floor. 1.15 Staircase 2 to Ground Floor, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Ref. Sample 25	Building 166, First Floor. 1.16 Staircase 1 to Ground Floor, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Sample 27	Building 166, First Floor. 1.14 Lobby 5, Vinyl nosing (black) to x2 steps	Vinyl lay
Ref. Sample 27	Building 166, First Floor. 1.16 Staircase 1 to Ground Floor, Vinyl nosing (black) to stairs	Vinyl lay
Sample 28	Building 166, First Floor. 1.16 Staircase 1 to Ground Floor, Middle vertical pipe, insulation to pipe bend/knuckle	Debris
Sample 29	Building 166, First Floor. 1.17 Throughout, Woven rope pull cords to wooden sash window frames throughout	Woven
Ref. Sample 29	Building 166, Ground Floor. G.18 Throughout, Woven rope pull cords to wooden sash window frames throughout	Woven
Sample 30	Building 166, First Floor. 1.15 Staircase 2 to Ground Floor, Vinyl nosing (white) to stairs	Vinyl lay
Sample 31	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Insulation to right hand side bottom section of vertical pipe adjacent to staircase	Debris
Ref. Sample 31	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Insulation to bend/knuckle of middle vertical pipe adjacent to staircase entering cupboard 1 beneath staircase	Debris
Sample 32	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Adhesive to wooden floor covering	Vinyl tile & adhesive
Sample 33	Building 166, Ground Floor. G.01 Lobby 1 and Electrical Cupboard, Floor void, dust and debris within	Dust/Debris
Sample 34	Building 166, Ground Floor. G.02 Understair Cupboard 1, Insulation board panels to ceiling	Board
Sample 35	Building 166, Ground Floor. G.03 Room 2, Vinyl floor lay (dark blue) to wooden floor	Vinyl lay
Sample 36	Building 166, Ground Floor. G.03 Room 2, Vinyl floor lay (light blue) to wooden floor	Vinyl lay
Sample 37	Building 166, Ground Floor. G.03 Room 2, Floor void, dust and debris within	Dust/Debris
Sample 39	Building 166, Ground Floor. G.04 Room 1, Floor void, dust and debris within	Dust/Debris
Sample 40	Building 166, Ground Floor. G.05 Room 3, Floor void, dust and debris within	Dust/Debris
Sample 41	Building 166, Ground Floor. G.06 Room 4, Vinyl floor lay (beige) to wooden floor	Vinyl lay

# Envirochem Analytical Laboratories Ltd.

## Appendix 3 - List of Negative Samples

Page 34 of 41

**Site Address** Building 166, HMS Daedalus, Broom Way, Lee-on-Solent, PO13 9YA

**Date of Survey** 13th June 2016

**Reference Number** J102460

**Surveyors** [REDACTED]

Sample 43	Building 166, Ground Floor. G.07 Room 5, Vinyl floor lay (brown) to wooden floor	Vinyl lay
Sample 46	Building 166, Ground Floor. G.08 Lobby 2, Floor void, dust and debris within	Dust/Debris
Sample 47	Building 166, Ground Floor. G.09 Understair Cupboard 2, Insulation board panels to ceiling	Board
Sample 48	Building 166, Ground Floor. G.09 Understair Cupboard 2, Vinyl floor lay (green) to wooden floor	Vinyl lay
Sample 52	Building 166, Ground Floor. G.16 Outhouse 1, Gaskets to green painted metal ducting flanges to right hand side wall	Gasket
Sample 53	Building 166, Ground Floor. G.17 Lobby 4 Cupboard, Vinyl lay (dark green) to tops of wooden shelving	Vinyl lay
Sample 54	Building 166, External. E.01 Boiler House, Insulation board panels to ceiling	Board
Sample 55	Building 166, External. E.01 Boiler House, Residue to right and left hand side brick walls beneath paint	Debris
Sample 56	Building 166, External. E.01 Boiler House, Residue to front and rear brick walls beneath paint	Residue
Sample 57	Building 166, External. E.01 Boiler House, Dust and debris to floor throughout boiler house	Dust/Debris
Sample 58	Building 166, External. E.01 Boiler House, Insulation to metal pipework behind metal cladding throughout boiler house	Non Asbestos Insulation
Sample 59	Building 166, External. E.01 Boiler House, Gasket to front of boiler around pump attachment	Gasket
Sample 60	Building 166, External. E.01 Boiler House, Insulation linings to boiler within metal boiler casing	Non Asbestos Insulation
Sample 61	Building 166, External. E.01 Boiler House, Gaskets to boiler sections within metal boiler casing	Gasket
Sample 62	Building 166, External. E.02 External, Damp proof course to brick walls	Bitumen
Sample 64	Building 166, External. E.02 External, Putty surrounding window glazing to wooden window frames throughout	Putty
Sample 65	Building 166, External. E.02 External, Putty surrounding metal window glazing to boiler house window	Putty

## APPENDIX 4 - Photographs

**Sample 7:** Building 166. First Floor. Room 32.  
Dampener pad beneath sink



**Sample 26:** Building 166. First Floor. Lobby 5.  
Textured coating to plasterboard ceiling



**Sample 38:** Building 166. Ground Floor. Room  
2. Dampener pad beneath sink



**Sample 42:** Building 166. Ground Floor. Room  
4. Dampener pad beneath sink



**Sample 44:** Building 166. Ground Floor. Room 5. Dampener pad beneath sink



**Sample 45:** Building 166. Ground Floor. Lobby 2. Adhesive to wooden floor covering



**Ref. Sample 45:** Building 166. Ground Floor. Lobby 3. Adhesive to wooden floor covering



**Ref. Sample 45:** Building 166. Ground Floor. Lobby 4. Adhesive to wooden floor covering





**Sample 49:** Building 166. Ground Floor. Room 6. Vinyl floor tiles (green) and bitumen adhesive beneath to concrete floor



**Sample 50:** Building 166. Ground Floor. Room 7 and Cupboard. Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor



**Ref. Sample 50:** Building 166. Ground Floor. Room 8. Vinyl floor tiles (blue) and bitumen adhesive beneath to concrete floor



**Ref. Sample 50:** Building 166. Ground Floor. Room 9 and Cupboard. Vinyl floor tiles (blue) and bitumen adhesive beneath to wooden and concrete floor



**Sample 51:** Building 166. Ground Floor. Room 7 and Cupboard. Woven insulation wrap around pipework running from cupboard across ceiling into room 7 (wrap continues below foam insulation)



**Sample 63:** Building 166. External. External. Cement flue pipe and cap exiting rear of building adjacent to room 8



**Visual 1:** Building 166. Ground Floor. Lobby 1 and Electrical Cupboard. Electrical cupboard, woven and bitumen sealing end wrap to x2 electric cables exiting fuse box and continuing into floor void



**Visual 2:** Building 166. External. Boiler House. Gaskets to pipework flanges throughout boiler house (cannot access to sample)



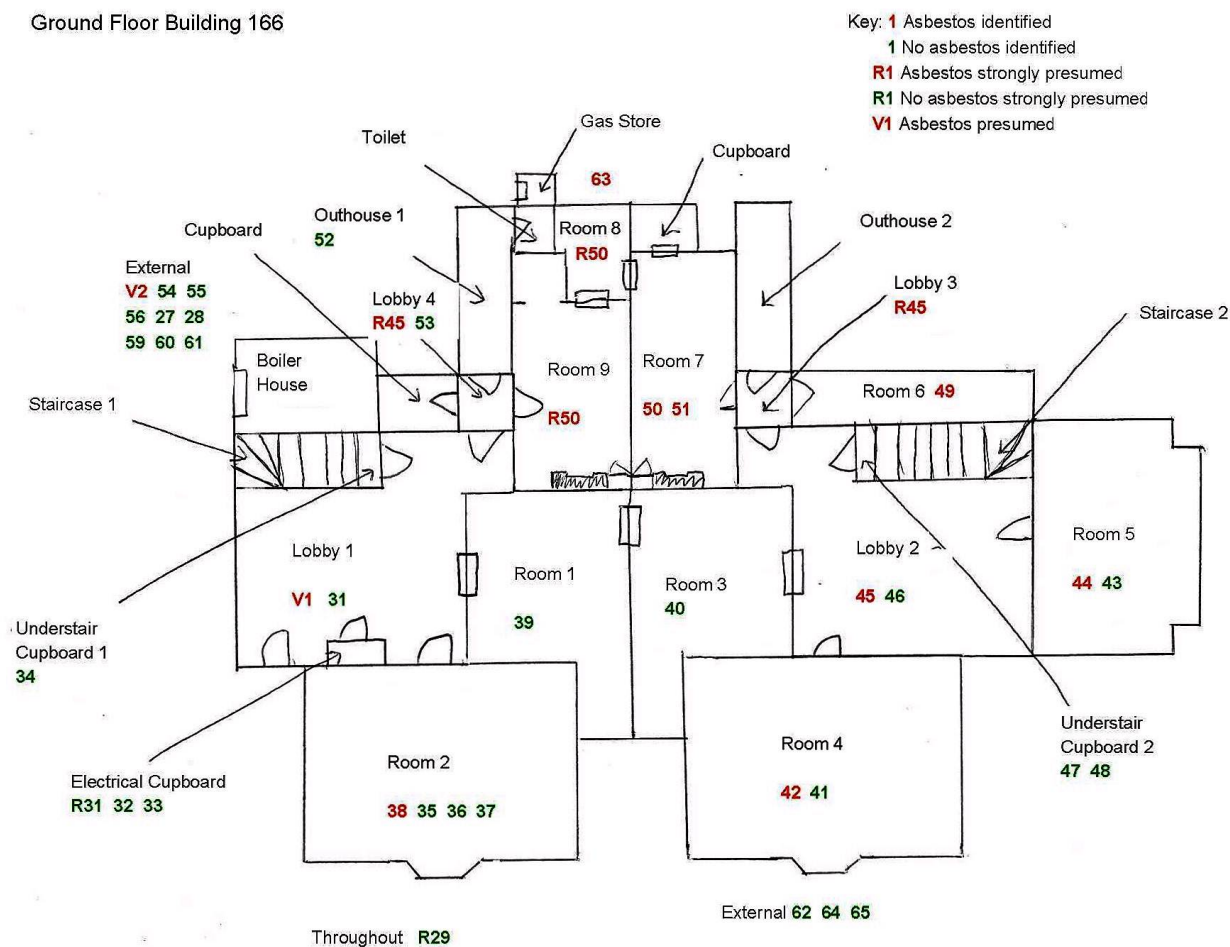
**Visual 3:** Building 166. External. External.  
Cement undercloaking to pitched roofs  
throughout



## APPENDIX 5 - Marked Plans

Client: Homes & Communities Agency  
Site: Building 166  
HMS Daedalus  
Broom Way  
Lee-on-Solent  
PO13 9YA

Ground Floor Building 166



Client: Homes & Communities Agency  
Site: Building 166  
HMS Daedalus  
Broom Way  
Lee-on-Solent  
PO13 9YA

First Floor Building 166

Key: **1** Asbestos identified  
**1** No asbestos identified  
**R1** Asbestos strongly presumed  
**R1** No asbestos strongly presumed  
**V1** Asbestos presumed

