ASBESTOS MANAGEMENT SURVEY REPORT
SURVEY

OF

3Sixty Waste Management Ltd
Chapel Farm Ind Est
Cwmcarn
NP11 7BH

Asbestos Survey Report No- Doc 043

Date of Report: - 05th April 2016

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1. INTRODUCTION

This Management land sampling asbestos survey was carried out following as a supporting exercise to assist with the permit application for an asbestos waste transfer station permit to operate.

The following are the Types Of Surveys that can be carried out

Management Survey - standard sampling identification & assessment Survey (Sampling Survey)

- Locate the presence & extent of any suspect ACM's
- Representative Samples and Collected, Analysed and recorded.
- Provide advice and recommendations in line with HSE guidance
- Presume the existence of asbestos where access is not possible.

Refurbishment / Demolition Survey - full access sampling & identification survey (Pre-Demolition/Major Refurbishment)

As Management surveys but will involve destructive inspection as necessary to gain access to all areas.

The 3 main Types of Asbestos

CHRYSOTILE	AMOSITE	CROCIDOLITE
WHITE	BROWN	BLUE
Curly, Flexible White Fibres	Straight Brittle Fibres, Light grey To Pale Brown In Colour	Straight Blue Fibres

The survey was conducted by: Paul Cassemis of 3Sixty Waste Management Ltd. Mr Paul Cassemis is a qualified asbestos surveyor to BOHS P402 standards.

The survey was carried out whilst the facilities were redundant before

commencement of operations of a Waste Transfer Station.

No air monitoring was carried out after the survey.

1. INTRODUCTION (Continued)

The written report of this survey which follows this introduction gives only an indication of where the located asbestos inclusions are to be found and also gives brief priorities of suspected risk associated with these inclusions. No written asbestos removal Method Statements have been included detailing how each inclusion must be removed to ensure compliance with Safety Legislation and other requirements.

Details of all the inclusions located can be found marked on the brief plans at the rear of the report and reference should be made to this by any person wishing to assess the full extent of the Asbestos containing materials (ACM) located during the survey.

Name Mr Paul Cassemis (Senior Asbestos Surveyor)

Signed…….. Date……..

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2. SURVEY BRIEF

The objectives of the survey were as follows:

2.1.1. To carry out a survey to ascertain the presence of asbestos based materials on the specified area of land.

2.1.2. To investigate all accessible areas.

2.1.3. To record the nature and condition of the located asbestos inclusions.

2.1.4. To assess the risks associated with the asbestos inclusions

2.1.5. To provide a written report of the asbestos inclusions in the areas surveyed.

2.1.6. To provide a prioritised format for the management of the asbestos inclusions based on risk assessment.

NB This report does not include method statements describing the safe removal of asbestos located where and when this becomes necessary.

The survey was carried out on **05th April 2016**

2.2. Samples were only taken from areas located with the proposed compound area.

2.3. It is not foreseen for any asbestos containing materials to be present.

2.4. Samples were taken for analysis.

2.6 For site outline look at brief plans, Appendix 2

2.7 The survey can be classified as a **Management / Sampling Exercise** survey, however, where surveying and sampling were not considered possible due to safety or confidentiality factors the survey should be considered a presumptive survey.

3. SURVEY

This asbestos survey / sampling report was prepared to assistant with the baseline condition report of the current land conditions at the above mentioned property.

No asbestos detected.

4. CRITERIA AND SCORING SYSTEM

The system of risk assessment, which has been adopted here, is based on the HSG 264 (Asbestos: The Surveyors Guide) Algorithm.

The four main parameters, which will determine the amount of fibre release from an ACM when subject to a standard disturbance, are:

- Product type
- Extent of damage/deterioration
- Surface treatment
- Asbestos type

Each parameter is scored as High = 3, Medium = 2, Low = 1. Two categories also allow a score of zero

The value of each of the four parameters is added together to give a total score of between 2 and 12.

Materials with assessment score of 10 or more are regarded as having a high potential to release fibres, if disturbed.

Score of between 7 and 9 are regarded as medium potential to release fibres

Score of 5 and 6 are regarded as low potential to release fibres

Score of 4 or less have a very low potential to release fibres

- The material assessment gives a figure relating to the likelihood of an ACM to release fibres.

- As mentioned earlier, a high figure does not necessarily mean that an ACM has to be dealt with first. The figure gives an estimate of likely hazard.

- In order to determine the risk other factors have to be considered.

- Guidance produced by HSE suggests the use of an algorithm to provide a consistent framework for this process. This is optional, other methods can be used.

Material Assessment Algorithm

Sample Variable	Score	Condition / Types etc
Product Type	1	Asbestos reinforced composites (plastics, resins, mastics, roofing felt, vinyl, floor times, semi-rigid paints or decorative finishes, asbestos cement etc.
	2	AIB board, mill board, other low density insulation boards, asbestos textiles, gaskets, ropes and woven textiles, asbestos paper and felt and asbestos wood
	3	Thermal insulation (e.g. pipe and boiler lagging) sprayed asbestos, loose asbestos, asbestos mattresses and packing
Extent of damage/deterioration	0	Good condition – no visible damage
	1	Low damage: a few scratches or surface marks, broken edges on boards, tiles etc.
	2	Medium damage: significant breakage of non-friable materials or several small areas where friable material has been damaged revealing loose asbestos fibres
	3	High damage or deterioration: of friable materials, sprays and thermal insulation, visible asbestos debris
Surface treatment	0	Non-friable composite materials containing asbestos: reinforced plastics, resins, vinyl tiles, painted or asbestos cement (with exposed face painted or encapsulated)
	1	Enclosed sprays and lagging, AIB (with exposed face painted or encapsulated), unsealed cement sheets etc
	2	Unsealed AIB, or encapsulated lagging and sprays
	3	Unsealed lagging and sprays
Asbestos Type	1	Chrysotile (White)
	2	Amphibole (Usually Brown) asbestos excluding Crocidolite (Blue)
	3	Crocidolite (Blue)

Assessment & recommendations are based on the material assessment score.

4a SURVEY INFORMATION SHEET

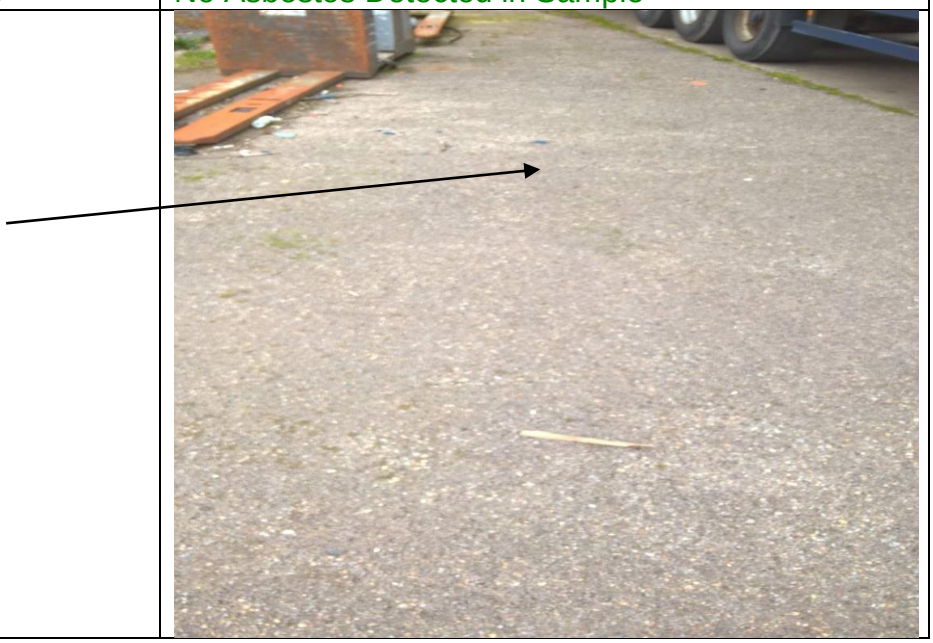
Sample Details	
Sample No	001
Position of Sample	Area -A
Product	Floor Debris
Extent/Quantity	Within proposed Compound Area
Type of Asbestos	No Asbestos Detected in Sample
Photograph	

Material Assessment Risk		**Score**
Product Type		
Extent of Damage		
Surface Treatment		
Asbestos Type		
	Total Material Assessment Score	

Materials Risk Scores: >10 = High: 7 – 9 = Medium, 5 – 6 = Low, < 4 = Very Low

Assessment and Recommendations
No Asbestos Detected in Sample

SURVEY INFORMATION SHEET

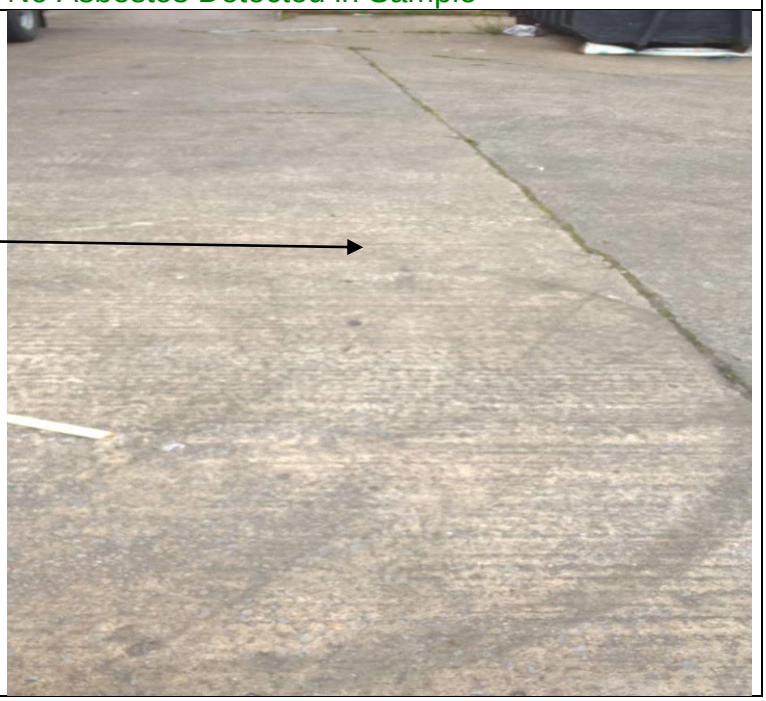
Sample Details	
Sample No	002
Position of Sample	Area -B
Product	Floor Debris
Extent/Quantity	Within proposed Compound Area
Type of Asbestos	No Asbestos Detected in Sample
Photograph	

Material Assessment Risk		**Score**
Product Type		
Extent of Damage		
Surface Treatment		
Asbestos Type		
	Total Material Assessment Score	

Materials Risk Scores: >10 = High: 7 – 9 = Medium, 5 – 6 = Low, < 4 = Very Low

Assessment and Recommendations
No Asbestos Detected in Sample

SURVEY INFORMATION SHEET

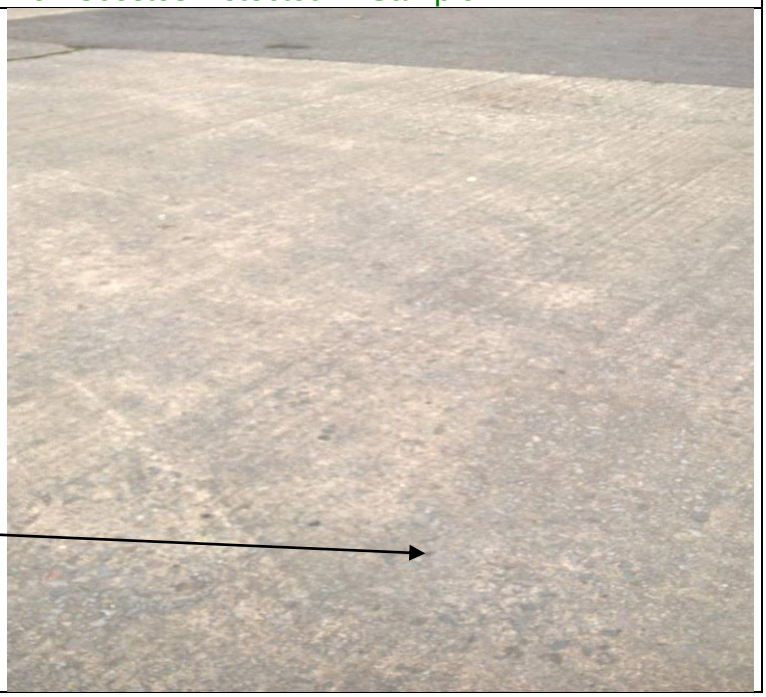
Sample Details	
Sample No	003
Position of Sample	Area -C
Product	Floor Debris
Extent/Quantity	Within proposed Compound Area
Type of Asbestos	No Asbestos Detected in Sample
Photograph	

Material Assessment Risk		**Score**
Product Type		
Extent of Damage		
Surface Treatment		
Asbestos Type		
	Total Material Assessment Score	

Materials Risk Scores: >10 = High: 7 – 9 = Medium, 5 – 6 = Low, < 4 = Very Low

Assessment and Recommendations
No Asbestos Detected in Sample

SURVEY INFORMATION SHEET

Sample Details	
Sample No	004
Position of Sample	Area -D
Product	Floor Debris
Extent/Quantity	Within proposed Compound Area
Type of Asbestos	No Asbestos Detected in Sample
Photograph	

Material Assessment Risk		**Score**
Product Type		
Extent of Damage		
Surface Treatment		
Asbestos Type		
	Total Material Assessment Score	

Materials Risk Scores: >10 = High: 7 – 9 = Medium, 5 – 6 = Low, < 4 = Very Low

Assessment and Recommendations
No Asbestos Detected in Sample

5. CAVEAT

The survey was carried out in order that 3Sixty Waste Management Ltd can comply with its duties under the Health & Safety at Work Act 1974 where by it has a duty to protect the health and safety of its staff and that of others who may be affected by its undertaking. Furthermore by virtue of the Management of Health and Safety at Work Regulations 1999, Regulation 3 states

“Every employer shall make a suitable and sufficient assessment of the risks to health and safety of his employees to which they are exposed whilst they are at work, and the risks to health and safety of persons not in his employment arising out of, or in connection with the conduct by him of undertaking.’’

Furthermore Regulation 4 of the same indicates that the employer must adequately record the risk assessments and have arrangements in place for carrying the recommendations.

In addition to the above the Employer has duties under the Control of Asbestos Regulations 2012 to assess the risks associated with working with Asbestos and has a duty to prevent the spread of Asbestos.

The purpose of this survey was to locate and assess all practically accessible asbestos containing materials within the area surveyed, to assist in managing the risk associated with the material.

Although ‘Asbestos: The Survey Guide’ (HSG 264) discourages Caveats, access could not be gained to several areas of the site:

- All areas were accessed during the survey.

All Bulk Fibre samples have been analysed by an independent UKAS accredited laboratory;

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6. APPENDICES

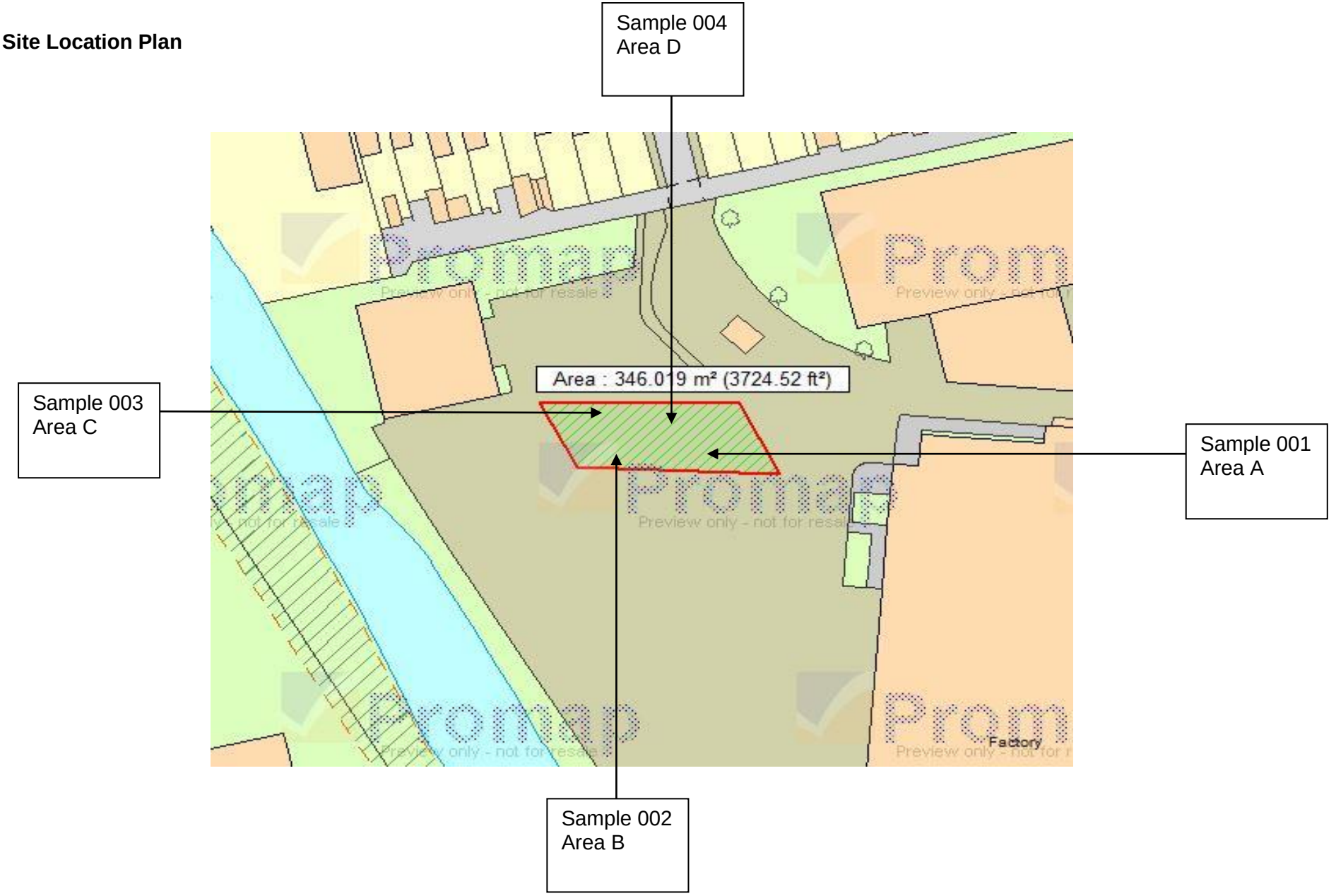
APPENDIX ONE

ASBESTOS REGISTER
&
ANALYTICAL CERTIFICATES

APPENDIX TWO

SAMPLE LOCATION FLOOR PLAN

Site Location Plan



Survey Updates/ Other