

# Certificate of Analysis



Clearsafe Environmental Solutions Pty Ltd

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**Report Number:** 45-1353-01-ID  
**Date of Report:** 24/8/2016  
**Date of Analysis:** 23/8/2016  
**Site Address:** 72 Lake Terrace, Taupo  
 72 Lake Terrace Taupo 3330

**Client Contact:** Chris Harris  
**Sampled By:** Solomone Weilert  
**Approved Identifier:** Nathan Crouch  
**Approved Signatory:** Ryan Heckenberg

**Client Name:** Ward Demolition Limited  
**Client Address:** 13-17 Miami Parade  
 Onehunga Auckland 1642

**Test Method:** Asbestos identification in bulk samples by polarised light microscopy and dispersion staining, in accordance with 'AS4964-2004 Method for the Qualitative Identification of Asbestos in Bulk Samples' and Clearsafe Method SOP.ID.01 [Detection Limit - 0.1g/kg (AS4964)].

**Notes:** The results contained within this report relate only to the samples tested. This report should not be copied, presented or reviewed except in full.

An independant analytical technique is recommended for confirmation of vinyl and bituminous samples, or samples in which 'Unknown Mineral Fibre' is detected.

NATA accreditation relates to the analysis of the sample(s) and does not cover the sample collection process.

| Sample Number | Sample Reference / Location                                      | Description **  | Result *                           |
|---------------|--|---|------------------------------------|
| 45-1353/1     | Building 1A, external, southern wall, bottom western corner      | Fibrous Board, Ribbon-Like Fibres. Sample Size: 25x10x3mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/2     | Building 1A, external, southern side, western corner, soil       | FCS (35x20x3mm) Within Soil / Ore, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 7.5g | Asbestos Detected <sup>1,2,3</sup> |
| 45-1353/3     | Building 1A, external, southern side, eastern corner, soil       | FCS (25x12x3mm) Within Soil / Ore, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 8.7g | Asbestos Detected <sup>1,2,3</sup> |
| 45-1353/4     | Building 1A, external, eastern side, base boarding, central door | Fibrous Board, Ribbon-Like Fibres. Sample Size: 22x20x3mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/5     | Building 1A, external, eastern wall, bottom southern corner      | Fibrous Board, Ribbon-Like Fibres. Sample Size: 10x5x2mm  | No Asbestos Detected <sup>6</sup>  |

**\* Result Codes:**

- 1 - Chrysotile Asbestos Detected
- 2 - Amosite Asbestos Detected
- 3 - Crocidolite Asbestos Detected
- 4 - Unknown Mineral Fibre Detected
- 5 - Synthetic Mineral Fibre (SMF) Present
- 6 - Organic Fibres Present

**\*\* Description Codes:**

FCS - Fibrous Cement Sheetting VFT - Vinyl Floor Tile



**NATA Accredited Laboratory No. 18542**

Accredited for compliance with ISO/IEC 17025. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian / national standards.

|            |  |  |                                    |
|------------|--|--|------------------------------------|
| 45-1353/6  | Building 1A, external, western wall, bottom southern corner                        | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 20x15x3mm | Asbestos Detected <sup>1,2,3</sup> |
| 45-1353/7  | Building 1A, external, northern wall, bottom western corner                        | Fibrous Board, Ribbon-Like Fibres. Sample Size: 24x12x4mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/8  | Building 1A, external, southern side, western corner, soffit                       | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 20x10x2mm | Asbestos Detected <sup>1,2,3</sup> |
| 45-1353/9  | Building 1A, external, eastern side, central, soffit                               | Fibrous Board, Ribbon-Like Fibres. Sample Size: 24x8x3mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/10 | Building 1A, external, northern side, eastern corner, gable end                    | Fibrous Board, Ribbon-Like Fibres. Sample Size: 18x10x2mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/11 | Building 1B, external, southern side, central, soffit                              | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres. Sample Size: 10x8x3mm                        | Asbestos Detected <sup>1,2</sup>   |
| 45-1353/12 | Building 1C, external, central southern side, gable end                            | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres. Sample Size: 15x10x2mm                       | Asbestos Detected <sup>1,2</sup>   |
| 45-1353/13 | Building 1C, external, northern side, eastern corner, soffit                       | Fibrous Board, Ribbon-Like Fibres. Sample Size: 16x6x2mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/14 | Building 1C, external, western wall, far southern side, bottom corner              | Fibrous Board, Ribbon-Like Fibres. Sample Size: 8x5x2mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/15 | Building 1C, external, far southern wall, central, bottom                          | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres. Sample Size: 90x50x4mm                       | Asbestos Detected <sup>1,2</sup>   |
| 45-1353/16 | Building 1C, external, northern wall, central, bottom                              | Fibrous Board, Ribbon-Like Fibres. Sample Size: 35x25x4mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/17 | Building 2, external, south eastern wing, level 1, dark green upper wall           | Fibrous Board, Ribbon-Like Fibres. Sample Size: 20x10x3mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/18 | Building 2, external, south eastern wing, level 1, soffit                          | Fibrous Board, Ribbon-Like Fibres. Sample Size: 10x6x3mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/19 | Building 2, external, south eastern wing, level 1, cream textured paint            | Paint Sheeting, No Visible Fibres. Sample Size: 5x4x2mm  | No Asbestos Detected               |
| 45-1353/20 | Building 2, external, south eastern wing, ground floor, soffit                     | Fibrous Board, Ribbon-Like Fibres. Sample Size: 12x6x2mm   | No Asbestos Detected <sup>6</sup>  |
| 45-1353/21 | Building 2, external, south eastern wing, level 1, above windows, pink wall lining | Fibrous Board, Ribbon-Like Fibres. Sample Size: 22x16x3mm  | No Asbestos Detected <sup>6</sup>  |
| 45-1353/22 | Building 2, external, southern side, western entrance, soffit                      | Fibrous Board, Ribbon-Like Fibres. Sample Size: 7x5x2mm  | No Asbestos Detected <sup>6</sup>  |

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|            |   |   |                                      |
|------------|---|---|--------------------------------------|
| 45-1353/23 | Building 2, external, southern side, adjacent western window lip framing, cream textured paint  | Paint Sheeting, White Silky Pliable Fibres. Sample Size: 10x5x2mm   | Asbestos Detected <sup>1</sup>       |
| 45-1353/24 | Building 2, external, southern side, adjacent western window lip framing, wall lining   | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 14x12x3mm          | Asbestos Detected <sup>1, 2, 3</sup> |
| 45-1353/25 | Building 2, external, southern side, far western end, above windows, soffit   | Fibrous Board, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 14x8x2mm | Asbestos Detected <sup>1, 2, 3</sup> |
| 45-1353/26 | Building 2, external, southern side, central, dark green upper wall   | Fibrous Board, Ribbon-Like Fibres. Sample Size: 14x12x2mm   | No Asbestos Detected <sup>6</sup>    |
| 45-1353/27 | Building 2, external, southern side, central, soffit  | Fibrous Board, Ribbon-Like Fibres. Sample Size: 10x8x2mm  | No Asbestos Detected <sup>6</sup>    |
| 45-1353/28 | Building 2, external, southern side, central, wall lining   | Fibrous Board, Ribbon-Like Fibres. Sample Size: 20x18x3mm   | No Asbestos Detected <sup>6</sup>    |
| 45-1353/29 | Building 2, external, north eastern corner, wall lining   | Fibrous Board, Ribbon-Like Fibres. Sample Size: 50x20x8mm   | No Asbestos Detected <sup>6</sup>    |
| 45-1353/30 | Building 2, external, northern staff entrance, wall lining  | Fibrous Board, Ribbon-Like Fibres. Sample Size: 20x12x2mm   | No Asbestos Detected <sup>6</sup>    |
| 45-1353/31 | Building 2, external, northern side, western end, pink wall lining  | Fibrous Board, Ribbon-Like Fibres. Sample Size: 6x4x2mm   | No Asbestos Detected <sup>6</sup>    |
| 45-1353/32 | Building 2, external, far western side, wall lining   | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 40x14x4mm          | Asbestos Detected <sup>1, 2, 3</sup> |
| 45-1353/33 | Building 2, external, western end, northern soffit  | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 30x10x3mm          | Asbestos Detected <sup>1, 2, 3</sup> |
| 45-1353/34 | Building 2, external, western end of building, central, eastern upper wall, soffit  | FCS, White Silky Pliable Fibres, Brown Rod-Like Fibres, Blue Rod-Like Fibres. Sample Size: 12x6x3mm           | Asbestos Detected <sup>1, 2, 3</sup> |
| 45-1353/35 | Building 2, internal, ground floor, northern extension, central, fifth structural beam from eastern side, running north to south, ceiling space, sprayed insulation | Fibrous Clump, Glassy Rod-Like Fibres. Sample Size: 45x20x4mm   | No Asbestos Detected <sup>5</sup>    |
| 45-1353/36 | Building 2, internal, ground floor, cupboard opposite Tauhara room, southern side, angled ceiling   | Fibrous Board, Ribbon-Like Fibres. Sample Size: 14x8x2mm  | No Asbestos Detected <sup>6</sup>    |

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- |                                   |   |
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|            |   |   |                      |
|------------|---|---|----------------------|
| 45-1353/37 | Building 2, internal, ground floor, western end, opposite bathrooms adjacent communications room, textured paint wall | Paint Sheeting, No Visible Fibres. Sample Size: 7x6x2mm | No Asbestos Detected |
|------------|---|---|----------------------|

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- |                                   |   |
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