

DOWDELL & ASSOCIATES LTD

OCCUPATIONAL HEALTH ANALYSTS & CONSULTANTS

4 Cain Rd. Penrose, PO Box 112, 017 Auckland 1642, Phone (09) 5260 746, Fax (09) 5795 389.

27th October 2011

Morecroft Asbestos
1183 Kaipara Coast Highway
RD3
Kaukapakapa
Auckland

Attention: Dirk Catterall

Dear Sir,

Re: Bulk Fibre Analysis -
Sampled by : Client
Date Sample Received : 27th October 2011
Laboratory No. : 26155
Location/Description : Nuie Island - Top of bitumen tanker truck
Works Order :
Method : AS 4964 (2004) - Method for the Qualitative Identification of
Asbestos in Bulk Samples.

The following sample was examined using Low Powered Stereomicroscopy followed by 'Polarised Light Microscopy' including Dispersion Staining Techniques.
The following result applies to the sample as received.

Reg No: 90683 **Description:** Insulation **Sample Size:** ≈2x2cm

Result: Amosite (Brown asbestos) detected

Yours Faithfully
DOWDELL & ASSOCIATES LTD


Michael Sullivan
Analyst/Consultant


R. Nicholson
Analyst/Consultant



NOTE: This report must not be altered, or reproduced except in full.

Lab No: 26155

www.Dowdellassociates.com - Occupational Health Analysts & Consultants

Page 1 of 1

BULK SAMPLE IDENTIFICATION CERTIFICATE

Job Number: 15-008304 Certificate Issue Date: 20/05/2015

Date Samples Received: 20/05/2015
No of Samples: 1

Sampled By: Client
Obtained: Submitted by client

Date Analysed: 20/05/2015
Analyst: Adam Ngawati
Method: AS 4964 (2004) - Method for the Qualitative Identification of Asbestos in Bulk Samples

Client: Contract Environmental Ltd
Client Address: 119 Johnson Road, West Melton, Christchurch

Client Ref No: -
Contact: John O'Grady
Site Address: Hui Hui Tanker, Niue

We examined the following sample(s) using Low Powered Stereomicroscopy followed by 'Polarised Light Microscopy' including Dispersion Staining Techniques. The result(s) in this certificate relate(s) to the sample(s) as received.

GLOSSARY

CHRYSOPILE (WHITE ASBESTOS) - CROCIDOLITE (BLUE ASBESTOS) - AMOSITE (BROWN ASBESTOS) - TREMOLITE, ANTHOPHYLLITE & ACTINOLITE (LESS COMMON ASBESTOS FIBRE TYPES)

Where non-asbestos fibres and the product type are listed, this is to help in the interpretation of results and are the opinion of the analyst only.

Where the sampling is not conducted by Dowdell & Associates Ltd, the information indicated is that supplied by the client. Dowdell & Associates Ltd cannot be held responsible for sampling errors where the sample is taken by others.

For soil samples, note that New Zealand has no specific guidelines with regard to asbestos content in soils. However, we recommend that the Australian Government's enHealth Council's Document "Management of Asbestos in the Non-Occupational Environment" - 2005 and the (DOH) WA's "Guidelines for the Assessment, Remediation and Management of Asbestos Contaminated Sites in Western Australia - May 2009 be consulted.

NOTE: This report must not be altered, or reproduced except in full.



Analyst: <i>Adam Ngawati</i>	Name: Adam Ngawati
------------------------------	--------------------

Approved By: <i>Rob Nicholson</i>	Name: Rob Nicholson
-----------------------------------	---------------------

15-008304 Results

Laboratory Reference	Sample Ref / Description	Sample size as received	Sample Weight Analysed	Result	Comments
35124	1. Insulation -	1 g	As recieved	No Asbestos detected	SMF present