

Klohn Crippen Berger  
500 – 2955 Virtual Way  
Vancouver, BC  
V5M 4X6

File Number: F0673  
Date: April 4, 2013

Attention: Mr. Robin Fitzgerald, P. Eng

**PROJECT: CITY OF NANAIMO, LOWER CHASE DAM**

**SUBJECT: BULK ASBESTOS SAMPLE ANALYSIS**

Dear Sir:

Please find attached our laboratory's results for analysis of material submitted for identification of Asbestos.

Sample examination was conducted in accordance with the NIOSH 9002 analytical method using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as <1%.

This report relates only to material tested and any extrapolation of the results by the client is the responsibility of the client. Samples will be disposed of after one month, unless otherwise instructed by you.

If Asbestos containing materials (ACM – defined by WorkSafe BC as containing at least 0.5% Asbestos and >0% for Vermiculite insulation) are identified in this report and remediation is indicated, the requirements of the B. C. Occupational Health & Safety Regulation Part 6.0 and related Guidelines should be met. This will require completion of a Risk Assessment by a 'Qualified Person' as described in Section 6.6.4. of the Regulations.

If further clarification is required, please contact the undersigned. Thank you for the opportunity to be of service to you.

Yours truly,

LEA HEALTH, SAFETY & ENVIRONMENTAL



Laurie Clark, B. Sc.  
Hygiene Lab Analyst

Email: [lclark@lewkovich.com](mailto:lclark@lewkovich.com)

Attachments: (1)

Certificate of Analysis



Johanne Picard, B.Sc.  
Supervising Analyst

Email: [jpocard@lewkovich.com](mailto:jpocard@lewkovich.com)

## Bulk Asbestos Certificate of Analysis

**Project #:** F0673      **Client:** Klohn Crippen Berger      **Site Address:** Lower Chase River Dam, Nanaimo, BC      **Sampled By:** LEA

Analyzed in accordance with NIOSH 9002 Asbestos (Bulk) by PLM

(Note: Estimated Limit of Detection (LOD) is <1% asbestos.)

**Legend:**

ND      Not Detected

Lab Sample #	Sample Description	Location	Phase Description	Phase%	Asbestos Type	Asbestos %	Other Material Type	Other Material %	Analyst
F0673-1a	Cement Core	Lower Dam Cement Core 1A	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-1b	Cement Core	Lower Dam Cement Core 1A	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-2a	Cement Core	Lower Dam Cement Core 1D	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-2b	Cement Core	Lower Dam Cement Core 1D	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-3a	Cement Core	Lower Dam Cement Core 1E	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-3b	Cement Core	Lower Dam Cement Core 1E	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-4a	Cement Core	Lower Dam Cement Core 2A	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-4b	Cement Core	Lower Dam Cement Core 2A	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-5a	Cement Core	Lower Dam Cement Core 3	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-5b	Cement Core	Lower Dam Cement Core 3	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-6a	Cement Core	Lower Dam Cement Core 4	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC
F0673-6b	Cement Core	Lower Dam Cement Core 4	Grey Cementitious	100	NO	ND	Non-Fibrous	100	LC