

## Quality Assurance

CLIENT NAME: ALLIANCE EHS CONSULTING INC  
 PROJECT: 20054  
 SAMPLING SITE:

AGAT WORK ORDER: 20V602408  
 ATTENTION TO: JAMES WILLIAMS  
 SAMPLED BY:

### Soil Analysis (Continued)

RPT Date: Jun 09, 2020			DUPLICATE			Method Blank	REFERENCE MATERIAL		METHOD BLANK SPIKE		MATRIX SPIKE				
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD		Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper

Certified By: \_\_\_\_\_



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### Trace Organics Analysis

RPT Date: Jun 09, 2020			DUPLICATE				Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE		MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Measured Value		Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper

BTEX / VPH / LEPH / HEPH Soil														
Methyl tert-butyl ether (MTBE)	73049	1130742	<0.1	<0.1	NA	< 0.1	96%	80%	120%			95%	70%	130%
Benzene	73049	1130742	<0.02	<0.02	NA	< 0.02	100%	80%	120%			97%	70%	130%
Toluene	73049	1130742	<0.05	<0.05	NA	< 0.05	100%	80%	120%			98%	70%	130%
Ethylbenzene	73049	1130742	<0.05	<0.05	NA	< 0.05	100%	80%	120%			98%	70%	130%
m&p-Xylene	73049	1130742	<0.05	<0.05	NA	< 0.05	100%	80%	120%			95%	70%	130%
o-Xylene	73049	1130742	<0.05	<0.05	NA	< 0.05	100%	80%	120%			96%	70%	130%
Styrene	73049	1130742	<0.05	<0.05	NA	< 0.05	101%	80%	120%			94%	70%	130%
VPH	73049	1130742	<10	<10	NA	< 10								
VH	73049	1130742	<10	<10	NA	< 10								
Naphthalene	73047	1130742	<0.01	<0.01	NA	< 0.01	99%	80%	120%			101%	50%	140%
2-Methylnaphthalene	73047	1130742	<0.01	<0.01	NA	< 0.01	98%	80%	120%			88%	50%	140%
1-Methylnaphthalene	73047	1130742	<0.01	<0.01	NA	< 0.01	99%	80%	120%			98%	50%	140%
Acenaphthylene	73047	1130742	<0.01	<0.01	NA	< 0.01	99%	80%	120%			93%	50%	140%
Acenaphthene	73047	1130742	<0.01	<0.01	NA	< 0.01	100%	80%	120%			99%	50%	140%
Fluorene	73047	1130742	<0.02	<0.02	NA	< 0.02	103%	80%	120%			96%	50%	140%
Phenanthrene	73047	1130742	<0.02	<0.02	NA	< 0.02	100%	80%	120%			83%	50%	140%
Anthracene	73047	1130742	<0.02	<0.02	NA	< 0.02	99%	80%	120%			102%	50%	140%
Fluoranthene	73047	1130742	<0.05	<0.05	NA	< 0.05	101%	80%	120%			95%	50%	140%
Pyrene	73047	1130742	0.02	0.02	NA	< 0.02	99%	80%	120%			104%	50%	140%
Benzo(a)anthracene	73047	1130742	<0.02	<0.02	NA	< 0.02	101%	80%	120%			92%	50%	140%
Chrysene	73047	1130742	<0.05	<0.05	NA	< 0.05	103%	80%	120%			106%	50%	140%
Benzo(b)fluoranthene	73047	1130742	<0.02	<0.02	NA	< 0.02	98%	80%	120%			88%	50%	140%
Benzo(j)fluoranthene	73047	1130742	<0.02	<0.02	NA	< 0.02	97%	80%	120%			113%	50%	140%
Benzo(k)fluoranthene	73047	1130742	<0.02	<0.02	NA	< 0.02	99%	80%	120%			85%	50%	140%
Benzo(b+j)fluoranthene	73047	1130742	<0.03	<0.03	NA	< 0.03	98%	80%	120%			100%	50%	140%
Benzo(a)pyrene	73047	1130742	<0.05	<0.05	NA	< 0.05	98%	80%	120%			87%	50%	140%
Indeno(1,2,3-c,d)pyrene	73047	1130742	<0.02	<0.02	NA	< 0.02	100%	80%	120%			86%	50%	140%
Dibenzo(a,h)anthracene	73047	1130742	<0.02	<0.02	NA	< 0.02	100%	80%	120%			85%	50%	140%
Benzo(g,h,i)perylene	73047	1130742	<0.05	<0.05	NA	< 0.05	101%	80%	120%			90%	50%	140%
Quinoline	73047	1130742	<0.05	<0.05	NA	< 0.05	99%	80%	120%			104%	50%	140%
Naphthalene - d8	73047	1130742	90	83	8.1%		94%	80%	120%			89%	50%	140%
Pyrene-d10	73047	1130742	88	82	7.1%		94%	80%	120%			83%	50%	140%
P-Terphenyl - d14	73047	1130742	95	90	5.4%		93%	80%	120%			91%	50%	140%
EPH C10-C19	73047	1130742	<20	<20	NA	< 20	102%	70%	130%			123%	65%	140%
EPH C19-C32	73047	1130742	22	<20	NA	< 20	102%	70%	130%			125%	80%	140%
Bromofluorobenzene	73049	1130742	94	96	2.1%		102%	60%	140%			88%	60%	140%
Dibromofluoromethane	73049	1130742	95	97	2.1%		99%	60%	140%			86%	60%	140%
Toluene - d8	73049	1130742	94	96	2.1%		101%	60%	140%			87%	60%	140%



## Method Summary

CLIENT NAME: ALLIANCE EHS CONSULTING INC  
 PROJECT: 20054  
 SAMPLING SITE:

AGAT WORK ORDER: 20V602408  
 ATTENTION TO: JAMES WILLIAMS  
 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Soil Analysis			
Aluminum	MET-181-6106, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6010C	ICP/OES
Antimony	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Arsenic	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Barium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Beryllium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Bismuth	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Boron	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP/MS
Cadmium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Chromium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Cobalt	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Copper	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Iron	MET-181-6106, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6010C	ICP/OES
Lead	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Lithium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Manganese	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6010C	ICP-MS
Mercury	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Molybdenum	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Nickel	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Selenium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Silver	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Strontium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6010C	ICP-MS
Thallium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Tin	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Tungsten	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Uranium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Vanadium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
Zinc	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS

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 SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zirconium	MET-181-6102, LAB-181-4008	BC MOE Lab Manual C (SALM) and EPA 6020A	ICP-MS
pH 1:2	INOR-181-6031	BC MOE Lab Manual B (pH, Electrometric, Soil)	PH METER
Chloride, Soluble	LAB-181-4022, INOR-181-6023	BC MOE Lab Manual Section B	COLORIMETER
Sodium, Soluble	LAB-181-4022, MET-181-6106	BC MOE Lab Manual Section B	ICP/OES
Saturation Percentage	LAB-181-4022	BC MOE Lab Manual Section B	GRAVIMETRIC

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Methyl tert-butyl ether (MTBE)	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Benzene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Toluene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Ethylbenzene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
m&p-Xylene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
o-Xylene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Total Xylenes	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Styrene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
VPH	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
VH	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BTEX, VPH)	GC/MS/FID
Naphthalene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
2-Methylnaphthalene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
1-Methylnaphthalene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Acenaphthylene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Acenaphthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Fluorene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Phenanthrene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Anthracene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Fluoranthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Pyrene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(a)anthracene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Chrysene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(b)fluoranthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(j)fluoranthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(k)fluoranthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(b+j)fluoranthene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(a)pyrene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Indeno(1,2,3-c,d)pyrene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Dibenzo(a,h)anthracene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Benzo(g,h,i)perylene	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Quinoline	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Naphthalene - d8	ORG-180-5102	Modified from BC MOE Lab Manual Section D (PAH)	GC/MS
Pyrene-d10	ORG-180-5102	Modified from BCMOE Lab Manual Section D (PAH)	GC/MS
P-Terphenyl - d14	ORG-180-5102	modified from BC MOE Lab Manual Section D (PAH)	GC/MS
EPH C10-C19	ORG-180-5101	Modified from BCMOE Lab Manual Section D (EPH)	GC/FID
EPH C19-C32	ORG-180-5101	Modified from BCMOE Lab Manual Section D (EPH)	GC/FID
LEPH C10-C19	ORG-180-5101	Modified from BCMOE Lab Manual Section D (EPH)	GC/FID
HEPH C19-C32	ORG-180-5101	Modified from BCMOE Lab Manual Section D (EPH)	GC/FID
Bromofluorobenzene	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BETX, VPH)	GC/MS/FID
Dibromofluoromethane	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BETX, VPH)	GC/MS/FID
Toluene - d8	ORG-180-5100	Modified from BC MOE Lab Manual Sec D (BETX, VPH)	GC/MS/FID



# AGAT Laboratories

120 - 8600 Glenlyon Parkway  
Burnaby, BC  
V5J 0B6

P: 778.452.4000 • F: 778.452.4074

### Laboratory Use Only

Arrival Temperature: 15°C

AGAT Job Number: 20V602408

Notes:

AGAT 15-01-2020

## Chain of Custody Record

### Report Information

Company: Alliance EHS Consulting

Contact: Jim Williams

Address: \_\_\_\_\_

Phone: 604 722 7407 Fax: \_\_\_\_\_

AGAT Quote #: \_\_\_\_\_

Client Project #: 20054

### Report Information

1. Name: Jim Williams

Email: jim@allianceehs.com

2. Name: \_\_\_\_\_

Email: \_\_\_\_\_

### Report Format

Single  
 Sample per page

Multiple  
 Samples per page

Excel Format included

### Requirements (Please Check)

BC CSR Soil  BC CSR - Water

AL  DW

IL  AW

PL  IW

CI  LW

RL LD  RL HD

WLN  WLR

Schedule 3.3 (Please Specify) \_\_\_\_\_

CCME (Please Specify) \_\_\_\_\_

Other (Please Specify) \_\_\_\_\_

### Turnaround Time Required (TAT)

Regular TAT  5 to 7 working days

Rush TAT  Same Business Day - 200%

1 Business Day - 100%

2 Business Days - 50%

3 Business Days - 25%

Date Required: \_\_\_\_\_

PLEASE CONTACT LABORATORY IF RUSH REQUIRED SAMPLE SUBMISSION CUT OFF FOR EFFECTIVE DATE BY 3 PM

### Invoice To

Same as above Yes  / No

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

PO/A/E#: \_\_\_\_\_

LABORATORY USE (LAB ID #)	SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE/TIME SAMPLED	COMMENTS SITE SAMPLE INFO. SAMPLE CONTAINMENT	LEAD/HEP/PAH	BTEX/VPH	Metals	NUMBER OF CONTAINERS	PRESERVED (Y/N)	HAZARDOUS (Y/N)	Hold for: <input type="checkbox"/> 60 DAYS
1130742	TP-1	1.0			X	X	X	5			
43	TP-1	3.0									
44	TP-2	1.0									
45	TP-2	3.0									
46	TP-3	1.0									
47	TP-3	3.0									
48	TP-4	0.5									
49	TP-4	3.0									
50	TP-5	1.0									
51	TP-5	4.0									
52	TP-6	1.5									

Samples Relinquished By (Print Name and Sign): <u>[Signature]</u>	Date/Time: <u>Mar 15/20/2020</u>	Samples Received By (Print Name and Sign): <u>[Signature]</u>	Date/Time: _____	Page <u>1</u> of <u>2</u>
Samples Relinquished By (Print Name and Sign): _____	Date/Time: _____	Samples Received By (Print Name and Sign): _____	Date/Time: _____	
Samples Relinquished By (Print Name and Sign): _____	Date/Time: _____	Samples Received By (Print Name and Sign): _____	Date/Time: _____	

V125048

City of Vancouver - FOI 2025-593 - Page 188 of 355





# AGAT Laboratories

## SAMPLE INTEGRITY RECEIPT FORM - BURNABY

Work Order # 20V602408

**RECEIVING BASICS:**  
 Received From: clerk Waybill #: \_\_\_\_\_  
**SAMPLE QUANTITIES:**  
 Coolers: 2 Containers: 72

**TIME SENSITIVE ISSUES:**  
 Earliest Date Sampled: May 15, 2020 ALREADY EXCEEDED? Yes  No

**NON-CONFORMANCES:**  
 3 temperatures of samples\* and average of each cooler: (record differing temperatures on the CoC next to sample ID's) \*use jars when available  
 (1) 15 + 15 + 15 = 15 °C (2) 15 + 14 + 15 = 15 °C (3) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C (4) \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ °C  
 Was ice or ice pack present:  Yes No  
 Integrity Issues:  
Sample received above 10°C.

Account Project Manager: \_\_\_\_\_ have they been notified of the above issues: Yes No  
 Whom spoken to: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**ADDITIONAL NOTES:**

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## APPENDIX L

Title: Pre-Demolition Hazardous Materials Survey (Update)  
David Lloyd George Elementary School, 8370 Cartier Street, Vancouver, BC  
Prepared by: **Alliance EHS Consulting Inc.**  
Dated: April 5, 2022

# PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY (UPDATE)



**David Lloyd George Elementary School  
8370 Cartier Street, Vancouver, BC**

**Prepared for:  
Vancouver School Board  
1580 West Broadway  
Vancouver, BC  
V6J 5K8**

**April 5, 2022**

## Contents

<b>1.0 Executive Summary .....</b>	<b>1</b>
<b>2.0 Introduction .....</b>	<b>3</b>
2.1 Project Scope .....	3
2.2 Property Information.....	3
<b>3.0 Methodology .....</b>	<b>4</b>
3.1 Asbestos Assessment Methods .....	4
3.2 Lead Assessment Methods.....	5
<b>4.0 Results .....</b>	<b>6</b>
4.1 Asbestos Containing Materials.....	6
4.2 Lead Containing Materials .....	8
4.3 Mould .....	9
4.4 Polychlorinated Biphenyls (PCBs).....	9
4.5 Mercury .....	9
4.6 Ozone Depleting Substances (ODS's).....	9
4.7 Other Hazardous Materials .....	9
<b>5.0 Recommendations.....</b>	<b>10</b>
<b>6.0 Limitations.....</b>	<b>12</b>
6.1 Assessment Limitations .....	12
6.2 Legal Limitations .....	12
<b>7.0 References .....</b>	<b>14</b>

## Appendices

Appendix A – Sample Location Diagrams

Appendix B – Asbestos Analytical Results

Appendix C – Vancouver School Board Asbestos Sampling Records

Appendix D – Pinchin West Hazardous Materials Assessment Report (2016)

## List of Tables

**Table 1: Hazardous Materials present within the Project Scope..... 1**  
**Table 2: Asbestos Containing Materials Identified..... 6**

## List of Figures

**Figure 1: Aerial Photograph and Property Information..... 3**

## 1.0 Executive Summary

This report describes the hazardous materials assessment update conducted by Alliance EHS Consulting Inc. for the potential demolition project to take place at David Lloyd George Elementary School (8370 Cartier Street) in Vancouver, BC.

### Project Scope:

The entire main school building (main building block and gymnasium addition) is being considered for complete demolition. The objective of this assessment was to update the existing hazardous materials assessment report for the school (Pinchin West report dated September 15, 2016), in order to identify the types, condition and extent of hazardous materials within the project scope that will require proper removal prior to the start of any work that may impact these materials. As such, this report is to be used in conjunction with the information (e.g. sample analysis results) provided in the Pinchin West 2016 report (the Pinchin report).

The assessment was conducted using visual and physical (i.e. sampling) assessment techniques in accordance with WorkSafeBC OH&S Regulation 20.112, to determine the presence of asbestos, lead, polychlorinated biphenyls (PCB's), mercury, mould, animal fecal matter, ozone depleting substances (ODS's), silica, and other various household chemicals.

### Summary of Results:

The hazardous materials identified during the assessment are listed in Table 1 below.

**Table 1: Hazardous Materials present within the Project Scope**

Hazardous Materials		
Asbestos	Lead	Other
Drywall Taping Compounds Mechanical Pipe Insulation Window Glazing Putty Vinyl Floor Tiles & Mastic Duct Mastic Vibration Dampening Cloth Transite Blackboards & Adhesive Fire Doors Gaskets/Packings	Paints Roof Vent Pipes Ceramic Tiles	Ozone Depleting Substances (e.g. CFC's) Polychlorinated Biphenyls (PCB's) Mercury (Light tubes) Silica Household Chemicals/Cleaners

### Conclusion:

Hazardous materials have been identified within the building that will be required to be safely removed prior to any demolition work that may impact these materials. The removal of any hazardous materials must only be

conducted by properly trained personnel (such as a hazardous materials abatement contractor), in accordance with applicable regulations and procedures. This includes the proper disposal of the materials at appropriate waste and/or recycling facilities.

Risk assessments and safe work procedures must be developed by a qualified person prior to disturbing any hazardous materials identified. Qualified persons must have sufficient training, knowledge and experience in the safe, proper handling of the hazardous material(s) being assessed and must meet all criteria listed in any applicable regulation. Most experienced hazardous materials abatement contractors are considered qualified persons and will provide the necessary risk assessments and safe work procedures for their prescribed work.

Requirements for each hazardous material identified are provided in more detail in Sections 4.0 & 5.0.

## 2.0 Introduction

A hazardous materials assessment update was conducted for the potential demolition project to take place at David Lloyd George Elementary School (8370 Cartier Street) in Vancouver, BC. The update was conducted on March 24-25, 2022 by David Kwan and Jim Williams, Principal Consultants of Alliance EHS Consulting Inc.

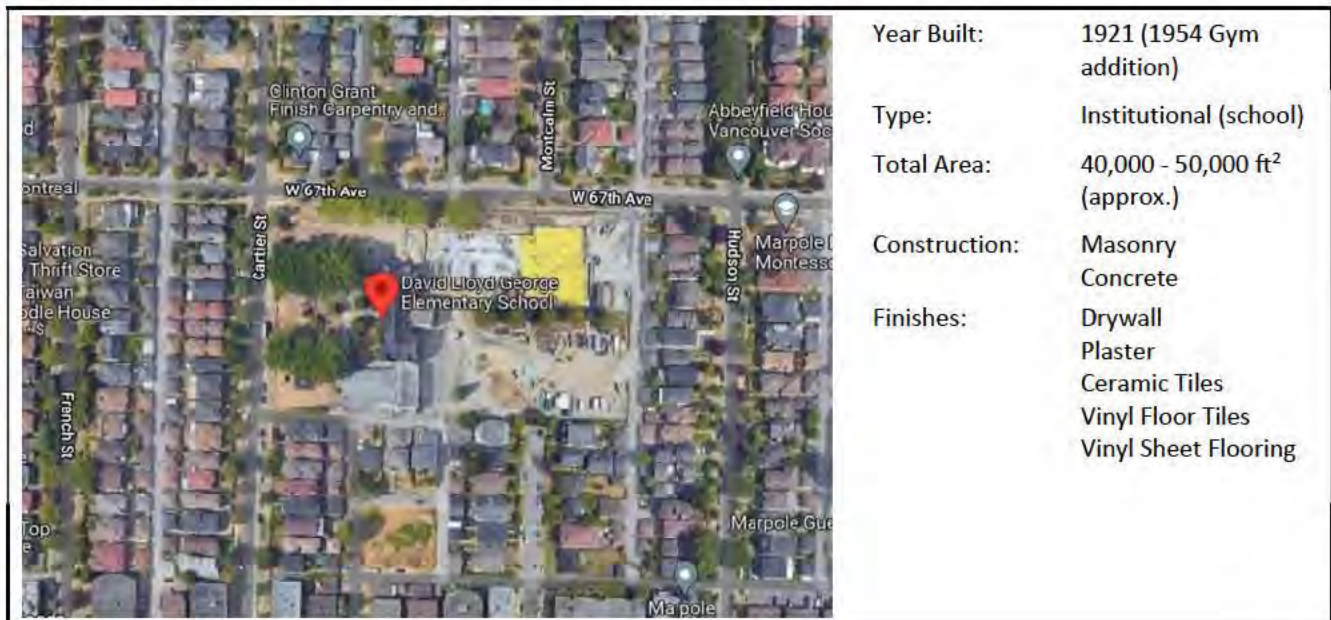
### 2.1 Project Scope

The entire main school building (main building block and gymnasium addition) is being considered for complete demolition. The objective of this assessment was to update the existing hazardous materials assessment report for the school (Pinchin West report dated September 15, 2016), in order to identify the types, condition and extent of hazardous materials within the project scope that will require proper removal prior to the start of any work that may impact these materials. As such, this report is to be used in conjunction with the information (e.g. sample analysis results) provided in the Pinchin West 2016 report (the Pinchin 2016 report).

The assessment included all areas of the project scope, unless otherwise indicated above and/or in Section 6.0 (Limitations).

### 2.2 Property Information

Details of the property and an aerial photograph showing the property location are provided below in Figure 1.



**Figure 1: Aerial Photograph and Property Information**

### **3.0 Methodology**

A review of the existing hazardous materials assessment report (Pinchin 2016) and school board sampling/analysis records was conducted prior to attending the site. The assessment was conducted through a combination of visual and physical (i.e. sampling) techniques. Sampling was conducted for all suspect asbestos containing materials observed during the survey unless the materials were presumed or already have been identified as hazardous. The specific assessment strategies and laboratory analytical methods utilized for these two hazardous materials are described below. All other hazardous materials, including mould, PCB's, mercury, silica, ozone depleting substances, household chemicals/cleaners, etc. were assessed by visual confirmation. Most building materials have mostly been adequately sampled or have already been identified as hazardous.

Destructive testing methods were not used at this time, as some destructive sampling had already been conducted and described in the Pinchin 2016 report. The school also must currently remain fully operational which prevents materials such as blackboards or cast-iron pipes from being sampled. Any resulting limitations are described in Section 6.0.

The current assessment must be used in conjunction with the existing information for the school (i.e. the Pinchin 2016 report). Where there is a discrepancy between the Pinchin 2016 report and this current report, the information in this current report will supersede.

#### **3.1 Asbestos Assessment Methods**

WorkSafeBC OH&S Guideline 20.112 was used in this assessment and describes the recommended number of samples to be collected and analyzed for asbestos content, based on the material's type (e.g. flooring vs. walls/ceilings), quantity and homogeneity (e.g. materials similar in appearance and installed at the same time).

The guideline also allows the surveyor to collect fewer samples than the recommended amounts, based on the surveyor's professional opinion and experience. Any reductions made were due to the materials having been sufficiently sampled/characterized (e.g. as asbestos containing or non-asbestos containing) in school board records or in the Pinchin 2016 report, with the quantities of samples collected for each material deemed sufficient given the consistency of the materials, and in some cases, the small quantity of the materials present.

Based on this sampling strategy, a total of 10 samples of suspect asbestos containing materials were collected. Sample locations are indicated on the floor plan in Appendix A. All samples collected were submitted under chain of custody to EMSL Canada Inc. for analysis using the National Institute of Occupational Safety and Health's (NIOSH's) Method 9002, Issue 2 (Polarized Light Microscopy). Official laboratory results are located in Appendix B.

Any qualitative observations made pertaining to the current risk for potential asbestos exposure were determined using the US Environmental Protection Agency (US EPA) Guidance Document for Controlling

Asbestos-Containing Materials in Buildings, which describes using factors such as condition and potential for erosion/disturbance.

### **3.2 Lead Assessment Methods**

The OHS 29 CFR 1926.62 Lead Standard & WorkSafeBC's Safe Work Practices for Handling Lead publication were used in this assessment to identify common lead containing materials (paints, coatings, manufactured products, etc.).

Previous sampling of the various paints/coatings have taken place and the results are described in the Pinchin 2016 report. All paints, coatings and ceramic tiles have been described as being lead containing. Therefore, no additional sampling was conducted for determination of lead content.

## 4.0 Results

The hazardous materials identified within the buildings during the assessment are described below.

### 4.1 Asbestos Containing Materials

Table 2 below indicates the asbestos containing materials identified during the assessment. Specific details pertaining to each asbestos containing material are described further in the subsections below. **Please refer to the Pinchin 2016 report for specific sample descriptions and laboratory results (aside from the asbestos window putties identified, which are included/described in Appendix B of this report).**

**Table 2: Asbestos Containing Materials Identified**

Asbestos Containing Material	Location of the Materials	Approximate Quantity* (to be impacted)	Asbestos Concentration
Drywall Taping Compounds	All <u>mudded</u> drywall in the building	600 ft <sup>2</sup>	1-5% Chrysotile
Mechanical Pipe Insulation	All mudded pipe elbows/fittings within the building	350 units	10-40% Chrysotile
Window Glazing Putty	All perimeter windows on the building with glazing putty	250 window assemblies	1-5% Chrysotile
Vinyl Floor Tiles & Mastics	All asbestos vinyl floor tiles (and all their underlying mastic adhesives) identified in the Pinchin 2016 report <b>except</b> approximately 70 ft <sup>2</sup> has been abated in Corridor 121. All asbestos mastic adhesives identified in the Pinchin 2016 report & all the vinyl floor tiles that sit on top of these mastic adhesives.	5250 ft <sup>2</sup>	1-5% Chrysotile
Duct Mastic	All black, silver & red mastic on any ducting within the building	3,000-4,000 ft of ducting	1-10% Chrysotile
Vibrational Dampening Cloth	All fibrous white/grey dampening cloth or fabric joining pieces of ducting throughout the building	4 units	40-60% Chrysotile
Blackboards & Adhesives	All blackboards and their adhesives within the school	5,800 ft <sup>2</sup>	20-40% Chrysotile
Fire Doors	All fire doors within the building	15 Doors	5-10% Chrysotile
Gaskets/Packings	All gaskets within bolted pipe flanges throughout the school; All packing inside bells/spigots (cast iron drain pipes)	100 units	20-40% Chrysotile

**\*Note: The approximate quantities listed in Table 2 are provided solely to satisfy the requirements of WSBC OHS Guideline G20.112. They must not be relied upon for any pricing purposes.**

#### **4.1.1 Drywall Taping Compounds**

Most of the school consist of plaster materials, although mudded, known-asbestos containing drywall materials exist in Rooms 303 & 305. Other drywall materials may exist within the building in random areas, such as patches surrounded by and blended into the majority plaster material.

All mudded drywall found within the school must be treated as asbestos containing.

#### **4.1.2 Mechanical Pipe Insulation**

As per the Pinchin 2016 report, **all mudded pipe elbows/fittings found within the school are considered asbestos containing.**

#### **4.1.3 Window Glazing Putty**

The Pinchin 2016 report did not include any sampling of the window glazing putties on the windows of the school. Several samples of window glazing putties were collected during the current update assessment, and one sample was found to contain asbestos. Given that it is not possible to distinguish between any asbestos glazing window putties for any non-asbestos window putties, **all perimeter windows found within the school that have glazing putties must be treated as asbestos containing.**

#### **4.1.4 Vinyl Floor Tiles & Mastics**

A mixture of various vinyl floor tiles was observed in the school, which have been adequately sampled by Pinchin in 2016. **Please refer to the Pinchin 2016 report (Appendix D) for locations of the asbestos containing vinyl floor tiles and mastic adhesives.**

**Please note that in areas where only the underlying mastic adhesives have been identified as asbestos containing, any floor tile existing on those mastics must still be treated as asbestos containing since during abatement, it would not be possible to separate the mastic adhesives from the tiles.**

#### **4.1.5 Duct Mastic**

The Pinchin 2016 report indicates that grey, silver, red and black duct mastics exist on some of the ducting in the school, and that all duct mastic of these colours are considered asbestos containing, except for the grey coloured mastics. **Therefore, all ducting with silver, red and/or black duct mastics are considered asbestos containing.**

#### **4.1.6 Vibration Dampening Cloth**

The Pinchin 2016 report indicates that vibration dampening cloth exists within the school on some connections between ducts. As sampling of the cloth would permanently damage it, and prevent the material from

functioning properly, this material remains a presumed asbestos containing material and must be treated as such.

#### **4.1.7 Blackboards and Adhesives**

Asbestos slate blackboards (described as Transite in the Pinchin 2016 report) and their adhesives are identified in school board records as being asbestos containing. **Therefore, all blackboards and their adhesives found within the school are considered asbestos containing.**

#### **4.1.8 Fire Doors**

**All fire doors within the building are considered asbestos containing unless further sampling of the core materials inside the doors can be conducted.** Testing the door core insulation currently will require destructive testing and will not allow the door to be used any longer (cannot use as a fire door if damaged).

#### **4.1.9 Gaskets/Packings**

**All gaskets found within any bolted pipe flange within the school must be treated as asbestos containing.**

Packing materials will also exist within the bells and spigots of cast iron drain pipes throughout the school. Once the school is completely vacant and the bells/spigots can be cracked open, the packing materials can be sufficiently sampled. Until then, **all packing materials inside cast iron drain pipe bells and spigots are considered asbestos containing.**

### **4.2 Lead Containing Materials**

The lead containing materials observed during the assessment included paints, ceramic tiles, lead acid batteries and vent pipes. There is approximately 100,000 ft<sup>2</sup> of lead containing materials found within the school (rough estimate), of which only approximately 30,000-40,000 ft<sup>2</sup> will be required to be abated to facilitate demolition and approximately 15 batteries.

#### **4.2.1 Paints**

**All paints within the school are considered to be lead containing (except the basement grey concrete floor paint), with lead concentrations previously found to range from 130 ppm – 11,000 ppm.** Please refer to the Pinchin 2016 report for the lead concentrations found within each paint sample collected from the school.

#### **4.2.2 Products**

All ceramic tiles found within the school (e.g. all washrooms on walls and floors) are presumed to be lead containing (not likely to require abatement before demolition). In addition, several vent pipes (approximately

20-30 pipes) on the roofs were observed to be made of lead. Lead acid batteries will also exist within some of the emergency light fixtures within the school (approximately 15 units).

#### **4.3 Mould**

No mould was observed during the site inspection at this time.

#### **4.4 Polychlorinated Biphenyls (PCBs)**

Fluorescent light fixtures were observed throughout the building, some of which will likely contain PCB's. All ballasts without a statement such as "non-PCB" or "no PCBs" on their labels are treated as PCB containing, with the exception of any LED ballasts. There are approximately 497 fluorescent light fixtures that could potentially be PCB containing (i.e. non-LED light ballasts).

#### **4.5 Mercury**

No mercury thermostat switches were observed in the school; however, the fluorescent light tubes (approximately 1100 tubes) throughout the school will contain mercury vapour.

#### **4.6 Ozone Depleting Substances (ODS's)**

The refrigerators within the school may contain refrigerants with chlorofluorocarbons (CFC's) although these units will likely be removed prior to demolition. Smoke detectors may also contain radioactive isotopes.

#### **4.7 Other Hazardous Materials**

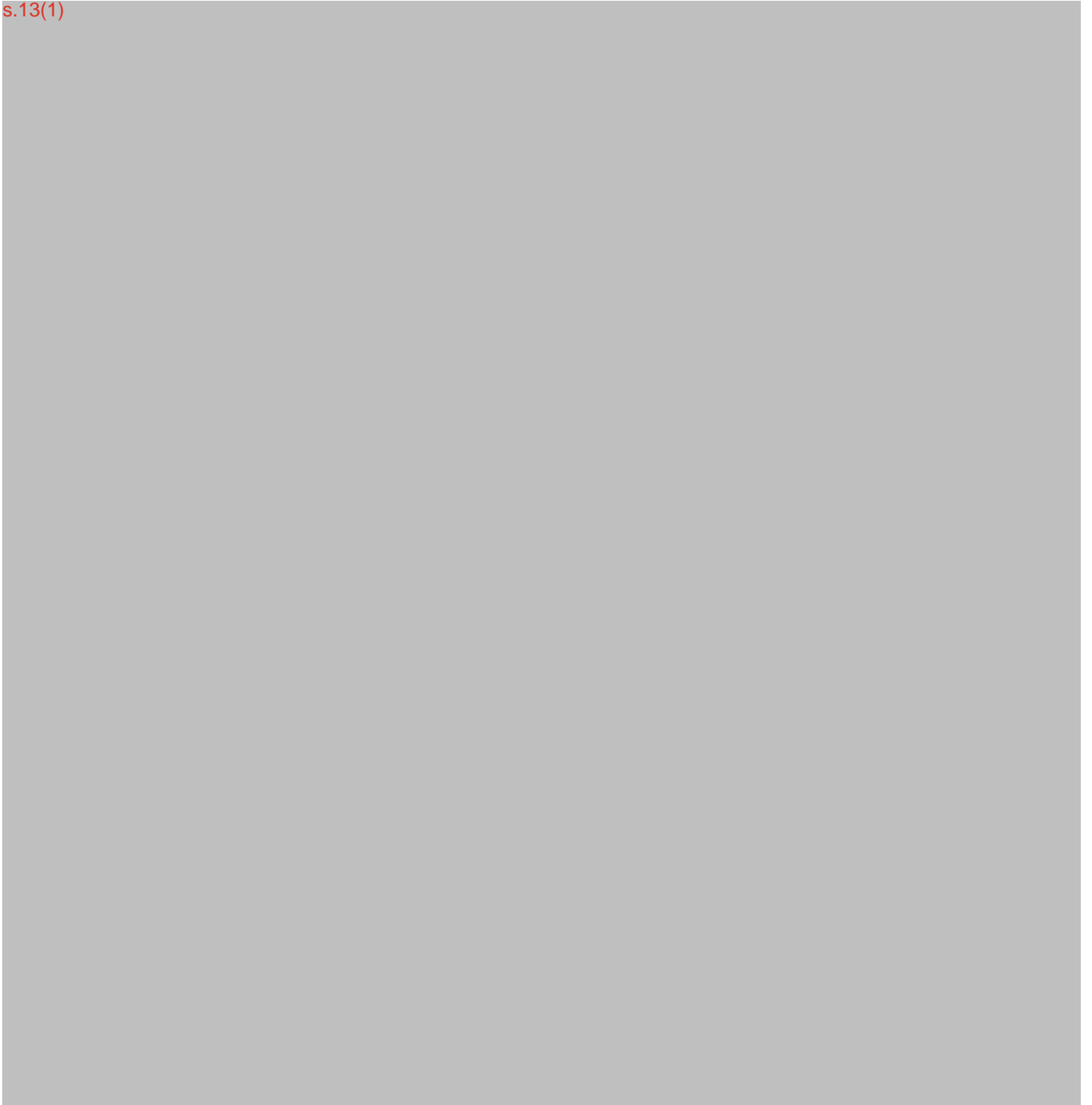
Crystalline silica will be present within all ceramic tiles, building concrete, cinderblock and brick.

Several types of common household chemical cleaners, soaps, etc. were observed during the assessment, especially in the janitorial closets, washrooms, etc.

**The underground storage tank (UST) on the property has been removed in 2021 and no longer exists on the property.** No other known UST's are present within property.

## **5.0 Recommendations**

s.13(1)



**PCB's, Mercury & Ozone Depleting Substances:**

s.13(1)



## **6.0 Limitations**

The limitations of this report are described below and are categorized as either assessment limitations (those that relate to the physical assessment conducted) or legal limitations (those that relate to how this report is to be used/interpreted).

### **6.1 Assessment Limitations**

The assessment was limited to non-destructive techniques at this time given that previous sampling had included destructive sampling, with available results for any potentially hazardous materials identified in those areas where destructive sampling occurred; the school must also remain operational at this time which prevented additional destructive testing from being done. Therefore, if any potentially hazardous materials are found as walls/ceilings/floors are being removed during demolition activities, then the work in the immediate area must stop, and the materials must then be inspected by a qualified person (as stated in Section 5.0 Recommendations).

The assessment only included areas/materials that are to be impacted by the scope of the demolition. These areas/materials are limited to those that have been communicated to the assessor prior to and during the assessment and have been noted in earlier sections of this report. If the scope of the project changes to include materials/areas that have not been communicated to Alliance EHS Consulting Inc. prior to the current assessment or if materials are present that have not been addressed in the current report, then those areas/materials are required to be inspected by a qualified person, unless the materials are presumed to be asbestos containing.

### **6.2 Legal Limitations**

This report is intended to direct the client's attention to recognized environmental conditions and to potential sources of environmental contamination. The findings and conclusion regarding contamination of the property are based solely on the extent of observations and information gathered during the assessment. Nothing in the report is intended to express any legal opinion upon environmental liabilities relating to the site or whether operations legally conformed with relevant legislative requirements.

It must be understood that changing circumstances in the physical environment, the use of the property, as well as the changes in any substances stored, used, handled at the property, could radically alter the conclusions and information contained in this report. Therefore, it is important that the property is periodically re-evaluated and the client kept informed as to developments, which may impact the property.

Alliance EHS Consulting Inc. makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any properties, or the application of any law to the facts set forth herein. With respect to

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**Alliance EHS Consulting Inc.**



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David Kwan, B.Sc., B.Tech., Dipl.T., ABI, ROHT  
Principal Consultant

## 7.0 References

- 1) USEPA. 1985. U.S. Environmental Protection Agency. "Guidance for Controlling Asbestos-Containing Materials in Buildings". Washington, DC: Office of Toxic Substances, USEPA.
- 2) Lory EE, Coin DC. 1981. "Management Procedure for Assessment of Friable Asbestos Insulating Material". Port Hueneme, CA: Civil Engineering Laboratory, Naval Construction Battalion Center.
- 3) OSHA 29 CFR 1926.62, Lead Standard. Occupational Safety & Health Administration, 200 Constitution Avenue, NW Washington, DC 20210
- 4) WorkSafeBC. Occupational Health and Safety Regulation, including all current amendments and guidelines.
- 5) 2020 Edition - WorkSafeBC. Safe Work Practices for Handling Asbestos.
- 6) 2020 Edition - WorkSafeBC. Safe Work Practices for Handling Lead.

## **APPENDIX A**

### **Sample Location Diagrams**



**APPENDIX B**  
**Asbestos Analytical Results**



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<b>EMSL Canada Order:</b> 692200882
<b>Customer ID:</b> 55AEHS75
<b>Customer PO:</b>
<b>Project ID:</b>

<b>Attention:</b> Jim Williams Alliance EHS Consulting Inc. #507 - 71 West 2nd Avenue Vancouver, BC V5Y 0J7	<b>Phone:</b> (604) 722-7407 <b>Fax:</b> <b>Received Date:</b> 03/24/2022 4:48 PM <b>Analysis Date:</b> 03/30/2022 - 03/31/2022 <b>Collected Date:</b> 03/24/2022
<b>Project:</b> 22084	

## Test Report: Polarized Light Microscopy (PLM) Performed by Modified NIOSH Method 9002, Issue 2

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22084.001 <small>692200882-0001</small>	MAIN BUIDLING E/WINDOW PUTTY	Gray Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22084.002 <small>692200882-0002</small>	MAIN BUILDING N/WINDOW PUTTY	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.003 <small>692200882-0003</small>	MAIN BUILDING W/WINDOW PUTTY	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.004 <small>692200882-0004</small>	MAIN BUILDING W EXT/ BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.005 <small>692200882-0005</small>	MAIN BUILDING NE EXT/BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.006 <small>692200882-0006</small>	S BUILDING W EXT S/BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.007 <small>692200882-0007</small>	S BUILDING W EXT N/BRICK MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.008 <small>692200882-0008</small>	SW EXT/BRICK CAULKING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.009 <small>692200882-0009</small>	S BUILDING W/WINDOW PUTTY	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22084.010 <small>692200882-0010</small>	S BUILDING E/WINDOW PUTTY	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)  
Ana Antic (10)



Nicole Yeo, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. This report format is a modification to report discreet asbestos concentrations instead of ranges. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Canada Inc. Burnaby, BC

Initial report from: 03/31/2022 18:43:22

## **APPENDIX C**

### **Vancouver School Board Asbestos Sampling Records**

# Lloyd George

Building Number	Key Plan Number	Location	Specific Location	Material	Material Description	Asbestos Type	Date
017A	101	Basement	outside door to room 115	Adhesive	brittle dark brown	None	July 25 2016
017A	121	Basement	corridor outside room 116	Adhesive	Ceiling tile	None	07-06-28
017A	200	Ground floor	Corridor near classroom 205 ( mastic is mixed with construction paper	Adhesive	Floor tile black	Chrysotile	08-12-15
017A	124	Ground floor	North half of ceiling, center	Adhesive	Ceiling tile	None	13-10-07
017A	210	Ground floor	Corridor ceiling outside room 211	Adhesive	Ceiling tile	None	05-06-28
017A	301	Second floor	Outside of computer room 309	Adhesive	Ceiling tile	None	13-04-17
017A	207	Ground floor	Vice principals office ceiling (fissured)	Ceiling tile	2ft x 4ft T bar	None	04-03-02
017A	204	Ground floor	Classroom north wall blackboard (transite residue contains behind chalk board)	Chalk board	Black	Chrysotile	10-12-16
017A	124	Basement	Ceiling crawlspace over lunch room	Debris		Removed	87-04-24
017A	120	Basement	Classroom ,south wall, west side of door	Drywall	Taping compound	None	13-04-17
017A	120	Basement	Classroom North wall east corner	Drywall	Taping compound	None	10-05-04
017A	214	Ground floor	Classroom west wall beside entrance light switch	Drywall	Taping compound	None	Nov 13 2020
017A	303	Thirdfloor	Office, west wall	Drywall	Taping compound	Chrysotile	15-03-18
017A	305	Thirdfloor	Office, west wall	Drywall	Taping compound	Chrysotile	15-03-18
017A	307	Second floor	Classroom South wall	Drywall	Taping compound	None	12-05-03
017A	309	Thirdfloor	Media tech room south wall, east side	Drywall	Taping compound	None	Nov 05 2020
017A	119	Basement	Classroom by south wall (both black and beige adhesives negative)	floor tile	9x9 red	Chrysotile	Sep 16 2019
017A	119	Basement	Classroom by south wall (both black and beige adhesives negative)	floor tile	9x9 black	None	Sep 16 2019
017A	124A	Basement	Daycare kitchen	Floor tile		Removed	90-10-24
017A	128A	Basement	Toilet (brown adhesive negative)	Floor tile	grey vinyl block	None	May 11 2017
017A	128A	Basement	Toilet (beige adhesive negative)	Kickboard	black vinyl	None	May 11 2017
017A	200	Ground floor	Corridor near classroom 205 (mastic also contains and is mixed with construction paper)	Floor tile	12x12 yellow brown	Chrysotile	08-12-15
017A	298	Ground floor	Stairwell floor (black mastic also contains chrysotile) (black felt like material under tile is non containing)	Floor tile	12x12 yellow/brown	Chrysotile	06-11-26
017A	200A	Second floor	Custodial room	Floor tile mastic	Black	None	13-10-29
017A	103	Basement	Boys washroom south wall beside heater	Heating	Elbow cement	None	June 12 2017
017A	114	Basement	vestibule by girls change room, above ceiling	Heating	Elbow cement	None	07-07-24
017A	115	Basement	Heating elbows up high	Heating	Elbow cement	None	03-11-24

# Lloyd George

Building Number	Key Plan Number	Location	Specific Location	Material	Material Description	Asbestos Type	Date
017A	115C	Basement	Cream colored heating elbow	Heating	Elbow cement	None	08-09-29
017A	117	Basement	west side of room, 2 ft off ground Grey mud	Heating	Elbow cement	Chrysotile	Apr 19 2017
017A	130	boiler room	plumbing line endcap material	plumbing	insulation cement	Chrysotile	Dec 2 2016
017A	204	Ground floor	Heater insulation	Insulation	Felt, brown	None	08-09-29
017A	200	Ground floor	Under lino near main staff room entrance	Leveling compound	Flooring	None	05-11-07
017A	200A	Ground floor	Under lino in custodial cupboard	Leveling compound	Flooring	None	05-11-07
017A	120	Basement	South entry to room 120	Lino	Grey cushion	None	96-12-03
017A	301B	Thirdfloor	Custodial room ( brown mastic also clean )	Linoleum	Beige	None	13-10-30
017A	309A	Thirdfloor	Cloakroom ( brown mastic also clean )	Linoleum	Red	None	13-10-30
017A		Attic	North side of chimney	Mortar	Between bricks	None	95-05-19
017A		Attic	West side of chimney	Mortar	Between bricks	None	95-05-19
017A	105	Basement	Ceiling	Plaster	Interior	None	08-09-29
017A	110	Basement	Gym foyer mens washroom ceiling above sink	Plaster	Interior	None	05-06-28
017A	112D	Basement	Gym store room bulkhead ceiling	Plaster	Interior	None	05-06-28
017A	113D	Basement	Girls shower south wall	Plaster	Interior	None	05-06-28
017A	116	Basement	Kindergarten west wall (pony wall)	Plaster	Interior	None	12-10-04
017A	117	Basement	Classroom North wall	Plaster	Interior	None	12-05-03
017A	118	Basement	Office north wall, east corner	Plaster	Interior	None	Sep 19 2019
017A	118	Basement	Office south wall near speaker	Plaster	Interior	None	Sep 19 2019
017A	119	Basement	Classroom ceiling	Plaster	Interior	None	13-04-17
017A	120	Basement	Classroom North wall east corner	Plaster	Interior	None	10-05-04
017A	120	Basement	Classroom West wall	Plaster	Interior	None	Jan 26 2017
017A	123	Basement	Storage area in play area 123, ceiling	Plaster	Interior	None	June 09 2017
017A	123	Basement	Storage area in play area 123, East wall	Plaster	Interior	None	June 09 2017
017A	123	Basement	Storage area in play area 123, South wall	Plaster	Interior	None	June 09 2017
017A	124	Basement	Exterior of outside wall, east wall, grey	Plaster	Exterior	None	08-04-30
017A	124	Basement	Multi purpose room North east column ( textured )	Plaster	Interior	None	10-03-30
017A	124	Basement	Multi purpose room North east corner sandwich wall	Plaster	Interior	None	10-03-30
017A	124	Basement	East wall	Plaster	Interior	None	08-04-30
017A	124A	Basement	Kitchen , northeast corner, left side of stove, top edge green shelf , 6' up from floor	Plaster	Interior	None	15-03-31
017A	128	Basement	Engineers office South wall, east side above counter	Plaster	Interior	None	Feb 2 2017

# Lloyd George

Building Number	Key Plan Number	Location	Specific Location	Material	Material Description	Asbestos Type	Date
017A	128A	Basement	Washroom South wall	Plaster	Interior	None	Feb 2 2017
017A	129	Basement	Boys washroom south wall in stall #6	Plaster	Interior	None	Nov 07 2019
017A	131	Basement	Girls washroom behind sinks	Plaster	Interior	None	11-03-08
017A	131	Basement	Girls washroom north wall in stall #4	Plaster	Interior	None	Nov 07 2019
017A	200	Ground floor	corridor east wall, right side of library doors	Plaster	Interior	None	May 19 2017
017A	200	Ground floor	Corridor west wall, outside room 202, right of fountain	Plaster	Interior	None	June 30 2020
017A	204	Ground floor	Classroom north wall	Plaster	Interior	None	10-12-16
017A	206	Ground floor	West wall near corner	Plaster	Interior	None	July 25 2016
017A	208	Ground floor	Library east wall	Plaster	Interior	None	10-05-04
017A	209	Ground floor	Medical room	Plaster	Interior	None	88-04-27
017A	213	Ground floor	Classroom north wall east of blackboard	Plaster	Interior	None	10-11-17
017A	214	Ground floor	Classroom west wall beside thermostat	Plaster	Interior	None	Nov 13 2020
017A	297	Ground floor	top of stairwell bulkhead above door	Plaster	Interior	None	July 25 2016
017A	302	Second floor	Classroom east wall north corner	Plaster	Interior	None	10-05-04
017A	303	Second floor	Above window on north wall of resource room 303	Plaster	Interior	None	09-06-19
017A	309	Second floor	Computer room North wall	Plaster	Interior	None	12-05-03
017A	309	Second floor	media tech room east wall	Plaster	Interior	None	Nov 5 2020
017A	309A	Second floor	North wall in small room	Plaster	Interior	None	89-06-02
017A	310	Second floor	Classroom east wall	Plaster	Interior	None	12-03-23
017A	312	Second floor	Classroom west wall	Plaster	Interior	None	10-12-16
017A	104	Basement	Boy's changeroom entry ceiling textured	Plaster	Interior	None	05-07-27
017A	124A	Basement	Daycare kitchen	Plaster	Interior	None	90-10-09
017A	2	Basement	Cloak room	Plaster	Interior	None	88-04-27
017A	200A	Ground floor	Hallway slop sink room	Plaster	Interior	None	89-06-02
017A	201	Ground floor	West wall near corner	Plaster	Interior	None	89-06-02
017A	202	Ground floor	Main office	Plaster	Interior	None	88-04-27
017A	203	Ground floor	North wall in small room	Plaster	Interior	None	88-06-02
017A	206	Ground floor	North west wall near pipe	Plaster	Interior	None	89-06-02
017A	208	Ground floor	From beam above end of library ceiling	Plaster	Interior	None	88-04-27
017A	209A	Ground floor	Ceiling - material surrounding waste pipe serving 3rd floor washroom	Plaster	Interior	None	98-11-25
017A	301	Second floor	Hallway near ladder	Plaster	Interior	None	89-06-02
017A	301	Second floor	Corridor west wall between rooms 309 and 315	plaster	Interior	None	Aug 19 2019
017A	301	Second floor	Corridor east wall above door to room 314	plaster	Interior	None	Aug 19 2019



## **APPENDIX D**

### **Pinchin West Hazardous Materials Assessment Report (2016)**



**FINAL**  
**REVISED Hazardous**  
**Building Materials**  
**Assessment**

David Lloyd George Elementary  
8370 Cartier Street, Vancouver,  
BC

Prepared for:

**Vancouver Board of Education**  
**School District No. 39**  
1580 West Broadway  
Vancouver, BC V6J 5K8

Attention: Kent Grier, Architect AIBC, MRAIC  
Project Manager

September 15, 2016

PWL File: 12952L



**Issued to:** Vancouver Board of Education  
**Contact:** School District No. 39  
Kent Grier, Architect AIBC, MRAIC  
Project Manager  
**Issued on:** September 15, 2016  
**PWL File:** 12952L  
**Issuing Office:** Suite 200, 13775 Commerce  
Parkway, Richmond, BC V6V 2V4  
**Primary Contact:** Bryan Zecchel, Senior Project  
Manager, 604-238-2905



**Author:** Gordon Watkins, BSc. (Env.), EPT  
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**Reviewer:** Bryan Zecchel, A.Sc.T  
Senior Project Manager  
604-238-2905  
[bzecchel@pinchinwest.com](mailto:bzecchel@pinchinwest.com)

## EXECUTIVE SUMMARY

Vancouver Board of Education School District No. 39 (Client) retained Pinchin West Ltd. (PWL) to conduct a hazardous building materials assessment of David Lloyd George Elementary located at 8370 Cartier Street, Vancouver, BC. PWL performed the assessment on May 2, 2016.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. The results of this assessment are intended for use with a properly developed scope of work and performance specification.

The assessed area consisted of the entire building with the exception of the portable classrooms.

## SUMMARY OF FINDINGS

Asbestos: Asbestos-containing materials (ACM) were confirmed to be present as follows:

- Duct mastic found in locations 19, 20, 44 and 63;
- Duct vibration dampeners found in locations 19 and 44;
- Parging cement pipe insulation in locations 19, 23-26, 28-31, 33-35, 38-40, 42-44, 46, 53, 54, 56, 57 and 61;
- Vinyl floor tiles found in locations 21, 31, 35, 36, 46, 48, 50 and 52;
- Vinyl floor tile mastic found in locations 30, 32 and 52;
- Drywall joint compound previously identified in locations 10 and 11;
- Green and black transite cement chalkboards in locations 1, 2, 4-6, 9, 14, 21, 28, 30, 34, 35, 45, 48, 49, 53, 54, 56, 57 and 61.

Lead: Lead was confirmed present in select paints/surface coatings throughout the building and is present in lead flashing on rooftop pipes.

Silica: Crystalline silica is present in concrete, mortar, brick, masonry, ceramics, etc.

Mercury: Mercury vapour is present in fluorescent lamps throughout the building.

Polychlorinated Biphenyls (PCBs): PCBs are present in light ballasts throughout the building.

Ozone Depleting Substances: Ozone depleting substances were not found.

Mould: Mould-impacted materials were not found.



Underground Storage Tanks: An underground storage tank (UST) is reported to exist on the property. Vancouver School Board (VSB) records indicate that a 3000 gallon tank (abandoned and filled with sand) is located 25 feet North Northwest of the West elevation of the 1922 building main building and main entry stair.

### SUMMARY OF RECOMMENDATIONS

s.13(1)



Please refer to Section 4.0 of this report for detailed recommendations regarding administrative, renovation or demolition activities.

*This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.*

**TABLE OF CONTENTS**

1.0 INTRODUCTION AND SCOPE ..... 1  
 1.1 Scope of Assessment..... 1  
 2.0 BACKGROUND INFORMATION ..... 2  
 2.1 Building Description ..... 2  
 2.2 Existing Reports..... 2  
 2.3 Inaccessible Locations ..... 2  
 3.0 FINDINGS ..... 3  
 3.1 Asbestos ..... 3  
 3.2 Lead ..... 10  
 3.3 Silica ..... 11  
 3.4 Mercury ..... 11  
 3.5 Polychlorinated Biphenyls ..... 12  
 3.6 Ozone Depleting Substances in Building Equipment ..... 12  
 3.7 Mould ..... 12  
 3.8 Underground Storage Tank (UST) ..... 12  
 4.0 RECOMMENDATIONS ..... 13  
 4.1 General ..... 13  
 4.2 Building Demolition or Renovation Work ..... 13  
 5.0 LIMITATIONS ..... 15  
 6.0 REFERENCES ..... 16

**APPENDICES**

APPENDIX I Drawings  
 APPENDIX II-A Asbestos Analytical Certificates  
 APPENDIX II-B Lead Analytical Certificates  
 APPENDIX II-C PCB Analytical Certificates  
 APPENDIX III Methodology  
 APPENDIX IV Location Summary Report  
 APPENDIX V Hazardous Material Summary Report  
 APPENDIX VI All Data Report  
 APPENDIX VII Photographs

## 1.0 INTRODUCTION AND SCOPE

Vancouver Board of Education School District No. 39 (Client) retained Pinchin West Ltd. (PWL) to conduct a hazardous building materials assessment of David Lloyd George Elementary, located at 8370 Cartier Street, Vancouver, BC.

Gordon Watkins, BSc.(Env.), EPT, Senior Technologist performed the assessment on May 2, 2016. The surveyor was unaccompanied during the assessment. The building was occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. This assessment is intended to be used for pre-renovation purposes only, and may not provide sufficient detail for long term management of hazardous materials as required by Health and Safety regulations. The results of this assessment are intended for use with a properly developed scope of work and performance specification.

### 1.1 Scope of Assessment

The assessment was performed to establish the location and type of specified hazardous building materials incorporated in the structure(s) and its finishes. The assessed area consisted of all parts of the building with the exception of the portable classrooms.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Ozone Depleting Substances
- Mould

## 2.0 BACKGROUND INFORMATION

### 2.1 Building Description

Item	Details
Building Use	School
Number of Floors/Levels	Two Stories plus One Below Grade
Total Area of Building (Square Feet)	~45,000
Year of Construction	1910s with the gym addition in the 1950s
Structure	Concrete, wood
Exterior Cladding	Concrete, brick
HVAC	Boiler and hot water heating to radiators
Roof	Built-up roofing
Flooring	Vinyl tile, vinyl sheet flooring, wood, carpet, ceramic tiles
Interior Walls	Drywall, concrete block, plaster
Ceilings	Plaster, acoustic ceiling tiles

### 2.2 Existing Reports

PWL was provided, and instructed to rely upon, a list of previous sampling conducted by the Vancouver School Board.

No existing reports were provided for reference.

### 2.3 Inaccessible Locations

The following rooms or areas of the building were not accessible to the surveyor and are therefore not included in the report:

Area or Room	Reason
Location 47, Electrical Room No. 122	Locked, No Key

### 3.0 FINDINGS

#### 3.1 Asbestos

The following section summarizes the findings of the assessment and provides a general description of the asbestos materials identified and their locations. Appendix II-A presents the asbestos bulk sample analytical results. For details on quantities, assessment and locations of asbestos materials; refer to the Hazardous Material Summary Report and All Data Report in Appendix V and VI.

##### 3.1.1 Suspect Materials Not Found

The following types of building materials may historically contain asbestos but were not observed in the building and are not discussed in the report findings:

- Spray-applied fireproofing or thermal insulation
- Texture finishes (acoustic/decorative)
- Duct insulation
- Firestopping
- Levelling compound

##### 3.1.2 Thermal Systems Insulation (TSI)

###### 3.1.2.1 Pipe Insulation

Parging cement pipe insulation, previously determined to contain asbestos (and labelled), is present on pipe elbows found in locations 24-26, 28-30, 33-35, 42-44 and 46. Parging cement is a friable material and is in good condition.

Unlabelled parging cement insulation present on pipe elbows found in locations 19, 23, 31, 38, 39, 40, 44, 53, 54, 56, 57 and 61 was sampled (S0012A-B) and determined to be asbestos-containing. Parging cement is a friable material and is in good condition.

Parging cement insulation present on boiler supply pipe elbows found in locations 25 were sampled (S0025A-B) and determined to be non-asbestos.

Canvas present over fibreglass insulation in locations 19, 22 and 23 was sampled (S0013A-B) and determined to be non-asbestos.

Canvas present over fibreglass insulation in the library, location 63, was sampled (S0033A-B) and determined to be non-asbestos.



Unlabelled asbestos-containing pipe elbows.



Labelled asbestos-containing pipe elbows.

### 3.1.2.2 Mechanical Equipment Insulation

Mechanical equipment is insulated with fibreglass.

### 3.1.3 Vermiculite

Destructive testing was conducted at masonry walls. The masonry block walls were penetrated in two locations (Loc. 15 and 25). The locations of destructive testing have been indicated on the floor plan. No vermiculite was observed within masonry block walls. The attic space, location 19, was inspected for loose fill vermiculite. No vermiculite was found.

### 3.1.4 Acoustic Ceiling Tiles

Four distinct types of acoustic ceiling tile are present in the assessed area.

Sample Number	Locations	Tile Description	Asbestos Content Ceiling Tile	Asbestos Content Mastic Pucks
S0004A-B	7, 9, 15-18, 31, 34, 35, 46, 48, 49, 51, 52, 55, 62	Glued-on Ceiling Tiles with Pinhole Pattern	None Detected	None Detected
2001 Date Stamp	27, 60	2'x4' Lay-in Tiles, 2001 Date Stamp	Presumed Non-Asbestos Based on Date Stamp	-
Fibreglass	8-11, 55, 59, 63	Fibreglass 2'x4'	Presumed Non-Asbestos	-
Fibreboard	45	Fibreboard, Interlocking Tiles	Presumed Non-Asbestos	-



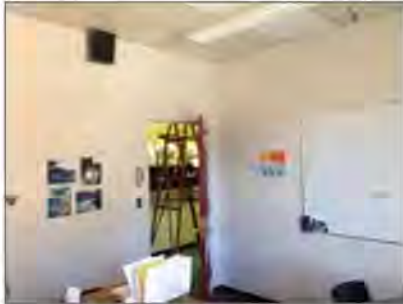
The 2001 date stamp found on some ceiling tiles.

### 3.1.5 Plaster

Plaster present on walls and ceilings throughout the building was previously sampled and determined to be non-asbestos.

### 3.1.6 Drywall Joint Compound

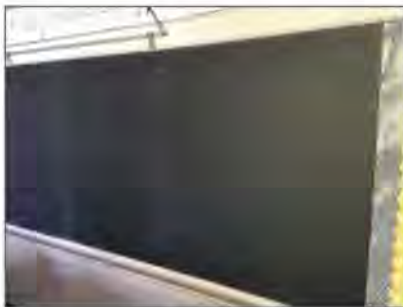
Drywall (gypsum board) and drywall joint compound present as a wall finish in locations 10 and 11 was previously sampled and determined to be asbestos-containing.



Drywall walls with asbestos-containing joint compound.

### 3.1.7 Asbestos Cement Products (Transite)

Green and black chalkboards present in classrooms throughout the school were presumed to be asbestos-containing. Mastic adhesive present behind the chalkboards was previously determined to be asbestos-containing. Destructive testing was not performed as the chalkboards were still in use. Transite and mastic adhesive are non-friable materials and in good condition.



An example of a chalkboard presumed to contain asbestos.

### 3.1.8 Vinyl Sheet Flooring

Ten distinct types of vinyl sheet flooring are present in the assessed area.

Sample Number	Locations	Sample Description	Asbestos Content Vinyl	Asbestos Content Backing
S0001	1, 2, 4, 5, 6, 8, 10, 11, 14, 28, 53, 54, 56, 57, 61	Red Wave Pattern	None Detected	None Detected
S0003	3, 7, 59, 60	Brown	None Detected	None Detected
S0005	9, 16, 48, 49, 51, 59, 60	Green Wave Pattern	None Detected	None Detected
S0006	9, 10, 11, 36, 50, 58	Black Base Cover	None Detected	None Detected
S0007	15, 16, 18, 62	Yellow Wave Pattern	None Detected	None Detected
S0008	17, 18	Grey Riser Tread	None Detected	None Detected
S0010	17, 18	Red Base Layer	None Detected	None Detected
S0027	34, 35	Beige Mottled Pattern	None Detected	-
S0032	59	Beige Mosaic	None Detected	None Detected
S0035	63	Base Layer	None Detected	None Detected

3.1.9 Vinyl Floor Tile and Mastic

Eight distinct types of vinyl floor tiles are present in the assessed area.

Sample Number	Locations	Sample Description	Asbestos Content Tile	Asbestos Content Mastic
S0002A-C	1, 2, 4, 6, 9, 14, 21, 52-54, 56-58, 61, 62	Black w/ White Flecks	None Detected	None Detected
S0009A-C	17, 18, 27, 58	Beige 12"x12" w/ White Flecks	None Detected	None Detected
S0024A-C	21	Red 9"x9" w/ White Flecks	5% Chrysotile	None Detected
S0026A-C	30, 32	Grey 12"x12"	None Detected	5% Chrysotile
S0028A-C	36, 46	Red 12"x12"	5% Chrysotile	None Detected
S0030A-C	48	Tan 12"x12" w/ Black Streaks	3% Chrysotile	None Detected
S0031A-C	52	Mustard Yellow 12"x12"	3% Chrysotile	5% Chrysotile
Previously Sampled	31, 35, 46, 50, 52	Mustard Yellow 9"x9"	Confirmed	Confirmed



Asbestos-containing vinyl floor tiles.



Non asbestos floor tiles concealing asbestos-containing mastic.

Refer to additional photographs in Appendix VII.

### 3.1.10 Sealants, Caulking, and Putty

Grey caulking present on exterior flashing was sampled (S0016) and determined to be non-asbestos.

Black duct mastic found on ductwork in locations 19 and 63 was sampled (S0011) and determined to be asbestos-containing.

Silver duct mastic found on exterior ductwork was sampled (S0015) and determined to be asbestos-containing.

Red duct mastic found on ductwork in location 44 was sampled (S0029) and determined to be asbestos-containing.



Asbestos-containing black duct mastic.



Asbestos-containing silver duct mastic.

Refer to additional photographs in Appendix VII.

### 3.1.11 Roofing Products

Tar shingling present on the upper roof of the main building was sampled (S0019) and determined to be non-asbestos.

Built-up roofing is present on four separate levels of the building. A separate sample was collected at each level.

The roof core collected on the upper roof of the main building (Sample S0020) was determined to be non-asbestos.

The roof core collected on the lower roof of the main building (Sample S0021) was determined to be non-asbestos.

The roof core collected on the upper roof of the gym building (Sample S0022) was determined to be non-asbestos.

The roof core collected on the lower roof of the gym building (Sample S0023) was determined to be non-asbestos.

### 3.1.12 Other Building Materials

Brick mortar present on exterior cladding was sampled (S0014) and determined to be non-asbestos.

Grey paint present on exterior cladding was sampled (S0017) and determined to be non-asbestos.

White paint present on exterior cladding was sampled (S0018) and determined to be non-asbestos.

Brown mastic pucks present on the concrete beams in location 63 was sampled (S0034) and determined to be non-asbestos.

Black mastic found on concealed terra cotta was sampled (S0036A-B) and determined to be non-asbestos.

Cement plugs used to install screws in concrete walls in the gymnasium were sampled (S0037) and determined to be non-asbestos.

Mortar found on ductwork was sampled (S0038) and determined to be non-asbestos.

Paper concealed behind terra cotta was sampled (S0039) and determined to be non-asbestos.

Textile vibration dampeners present on ductwork in locations 19 and 44 were still in use and not sampled. These materials are therefore presumed to be asbestos-containing.

### 3.1.13 Presumed Asbestos Materials

A number of materials which might contain asbestos were not sampled during our assessment due to limitations in scope and methodology. Where present, these materials must be presumed to be an asbestos material and are best sampled during project planning and preparation of contract documents for their removal. Materials presumed to contain asbestos are listed in the Methodology.

## 3.2 Lead

### 3.2.1 Paints and Surface Coatings

A total of eighteen paint samples were collected from interior and exterior painted finishes.

For details on the types, location, results of paints sampled, refer to Appendix VI.

All paints containing elevated levels of lead are in good condition and not flaking, peeling or delaminating.

Appendix II-B presents the lead testing results.

### 3.2.2 Lead Products and Applications

Solid lead is present as lead flashing around exhaust pipes on the roof.

Lead is present in mortar found on brick cladding on the exterior of Block 1 at a concentration of <0.005% (Sample L0009). The mortar is not considered lead-based.



An example of lead flashing around exhaust pipes on the roof.

### 3.2.3 Presumed Lead Materials

Lead may be present in a number of materials which were not assessed and/or sampled. The following materials, where found, should be considered to contain lead.

- electrical components, including wiring connectors
- grounding conductors, and solder
- glazing on ceramic tiles

### 3.3 Silica

Crystalline silica is a presumed component of the following materials where present in the building:

- poured or pre-cast concrete
- masonry and mortar
- ceramic tiles, grout
- plaster

### 3.4 Mercury

#### 3.4.1 Lamps

Mercury vapour is present in fluorescent lamps and other lighting that is known to contain mercury such as mercury vapour lamps where present in the assessed area.

#### 3.4.2 Mercury-Containing Devices

Thermostats inspected did not contain liquid mercury ampules.

### 3.5 Polychlorinated Biphenyls

#### 3.5.1 Caulking

Grey caulking is present at exterior flashing (sample P0001) and contains <0.5 ppm PCBs. The material is a non-PCB solid based on the threshold given in SOR/2008-273 (50 ppm).

Refer to analytical results in Appendix II.

#### 3.5.2 Lighting Ballasts

The building has not been comprehensively re-lamped with new energy efficient light ballasts and lamps, and as such, a percentage of light ballasts may be pre-1980 and contain PCBs.

#### 3.5.3 Transformers

Transformers present in the electrical room (location 47) are presumed to contain PCB dielectric fluid.

#### 3.5.4 Presumed PCB Materials

- voltage regulators

### 3.6 Ozone Depleting Substances in Building Equipment

Equipment containing ozone depleting substances is not present.

### 3.7 Mould

Visible mould growth is not present.

### 3.8 Underground Storage Tank (UST)

An underground storage tank (UST) is reported to exist on the property. Vancouver School Board (VSB) records indicate that a 3000 gallon tank (abandoned and filled with sand) is located 25 feet North Northwest of the West elevation of the 1922 building main building and main entry stair.

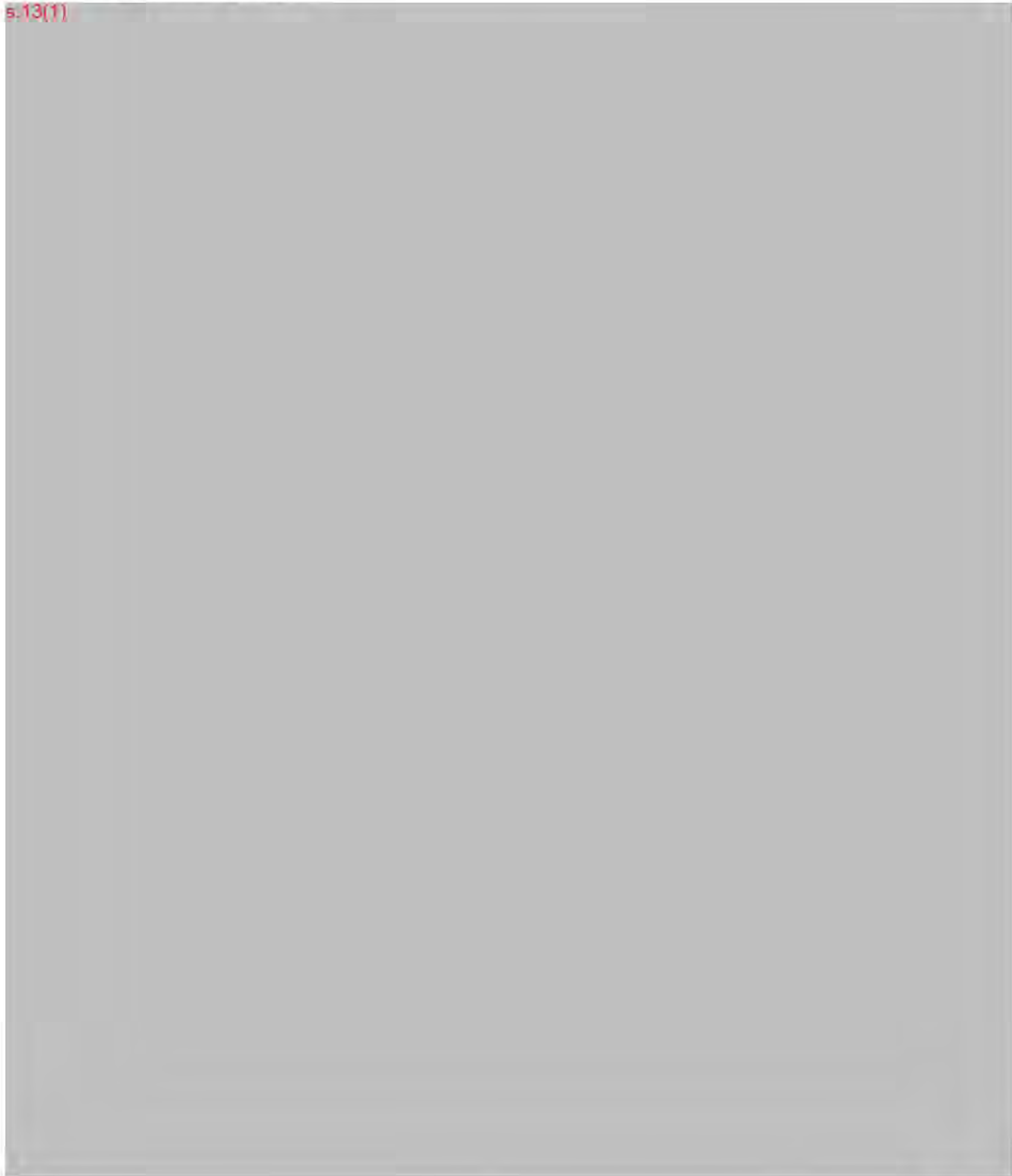
In accordance with appropriate regulations and bylaws, the UST will require proper removal and disposal along with any contaminated soil that may be encountered. A UST removal closure report which includes the confirmatory soil sampling will be required once the remediation is complete.

It should be noted that the above information was provided by the client. The scope of this report did not include any subsurface investigation and as such, an environmental assessment of this UST would be required in order to make specific recommendations for remediation.



#### 4.0 RECOMMENDATIONS

5.13(1)





s.13(1)



## 5.0 LIMITATIONS

Specific limitations related to the legal and financial and limitations to the scope of the current work are outlined in our proposal, the attached Methodology and the Authorization to Proceed which accompanied the proposal.

The work performed by PWL was conducted in accordance with generally accepted engineering or scientific practices current in this geographical area at the time the work was performed. No warranty is either expressed or implied by furnishing written reports or findings. The Client acknowledges that subsurface and concealed conditions may vary from those encountered or inspected. PWL can only comment on the environmental conditions observed on the date(s) the survey is performed. The work is limited to those materials or areas of concern identified by the Client or outlined in our proposal. Other areas of concern may exist but were not investigated within the scope of this assignment.

PWL makes no other representations whatsoever, including those concerning the legal significance of its findings or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issue, regulatory statutes are subject to interpretation and these interpretations may change over time. PWL accepts no responsibility for consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The liability of PWL or our officers, directors, shareholders or staff will be limited to the lesser of the fees paid or actual damages incurred by the Client. PWL will not be responsible for any consequential or indirect damages. PWL will only be liable for damages resulting from the negligence of PWL. PWL will not be liable for any losses or damage if the Client has failed, within a period of two years following the date upon which the claim is discovered (Claim Period), to commence legal proceedings against PWL to recover such losses or damage unless the laws of the jurisdiction which governs the Claim Period which is applicable to such claim provides that the applicable Claim Period is greater than two years and cannot be abridged by the contract between the Client and PWL, in which case the Claim Period shall be deemed to be extended by the shortest additional period which results in this provision being legally enforceable.

Information provided by PWL is intended for Client use only. PWL will not provide results or information to any party unless disclosure by PWL is required by law. Any use by a third party of reports or documents authored by PWL or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. PWL accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

## 6.0 REFERENCES

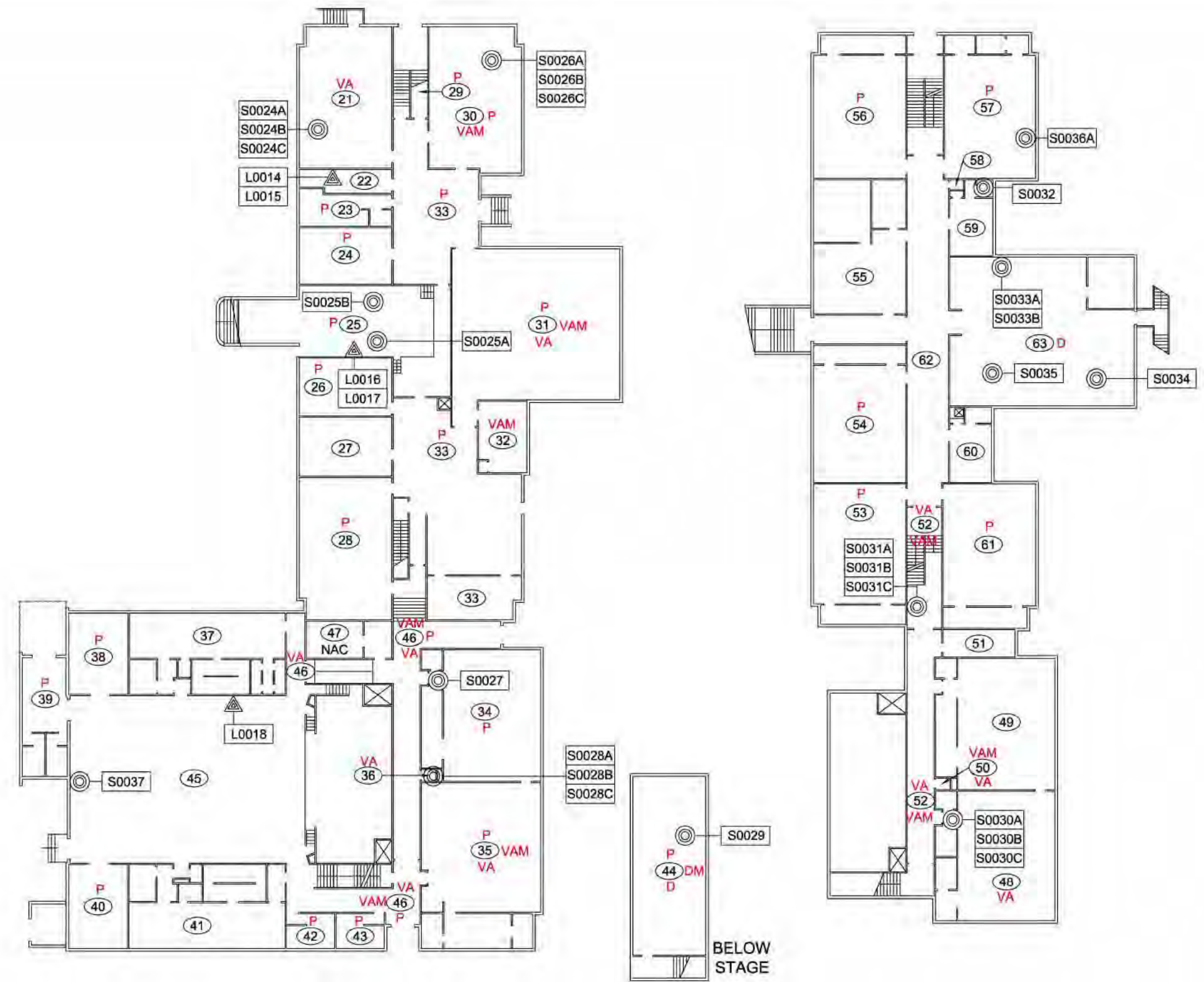
The following legislation and documents were referenced in completing the assessment and this report:

1. Occupational Health and Safety Regulation, B.C. Reg. 296/97, WorkSafe BC.
2. Safe Work Practices for Handling Asbestos, WorkSafe BC, 2012 Edition.
3. Hazardous Waste Regulation, B.C. Reg. 261/2006, BC Ministry of Environment.
4. Ozone Depleting Substances and Other Halocarbons Regulation, B.C. Reg. 220/2006, Environmental Management Act.
5. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
6. Lead-Containing Paint and Coatings, Preventing Exposure in the Construction Industry, WorkSafe BC, June 2011.
7. Transportation of Dangerous Goods Regulations SOR/2008-34, Transportation of Dangerous Goods Act.
8. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004, Canadian Construction Association.

12952L

Template: Master Report for Hazardous Materials Assessment Report (Tablet Pre-Construction), HAZ, February 1, 2016

**APPENDIX I**  
**Drawings**



- LEGEND:**
- (X) LOCATION NUMBER
  - (O) ASBESTOS BULK SAMPLE LOCATION
  - (▲) LEAD SAMPLE NUMBER
- ASBESTOS-CONTAINING MATERIALS:**
- P PARGING CEMENT INSULATION
  - D DUCT MASTIC
  - DM DUCT VIBRATION DAMPENER
  - VA VINYL ASBESTOS TILE
  - VAM VINYL TILE MASTIC

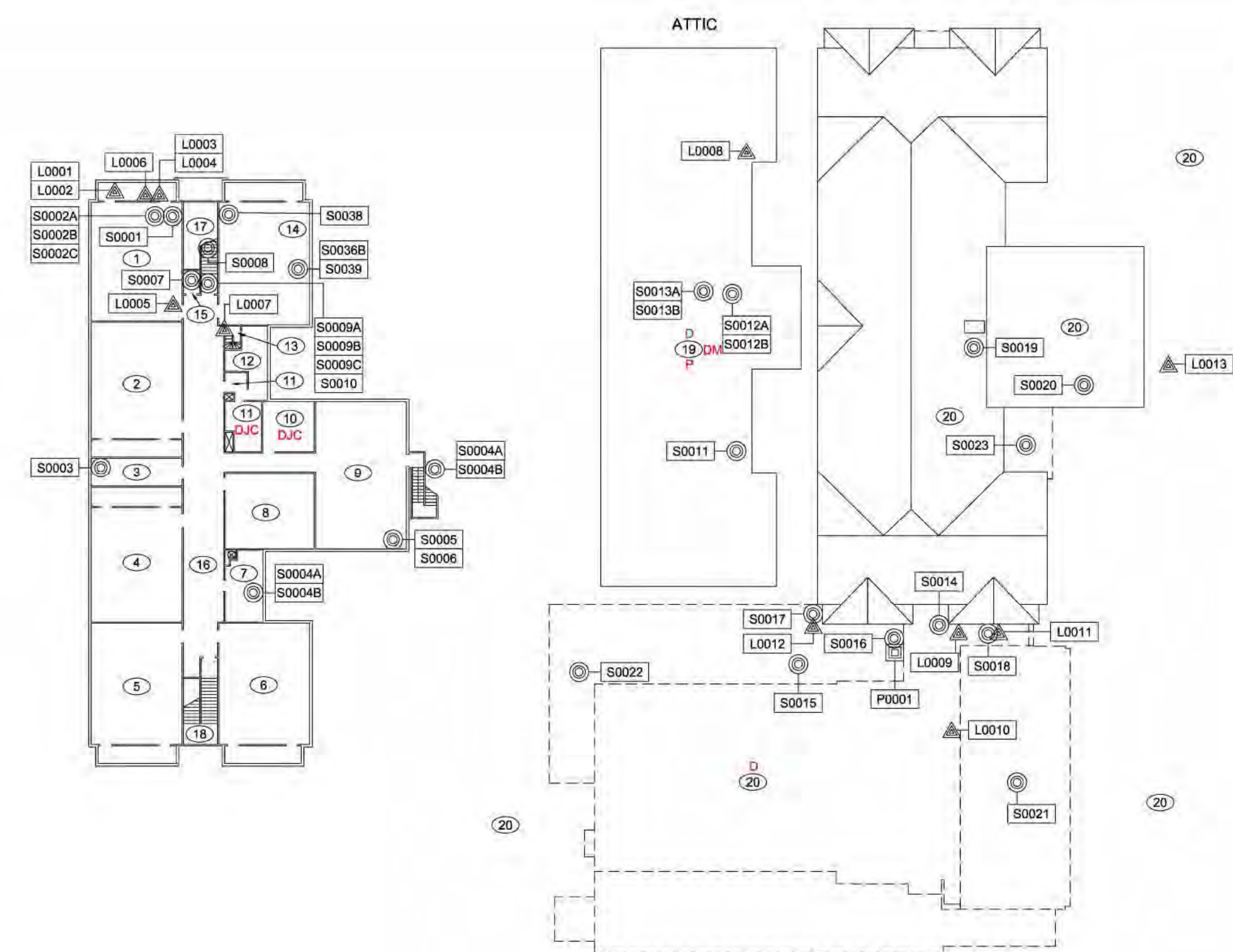
**CLIENT:** VANCOUVER BOARD OF EDUCATION (SD39)  
1580 WEST BROADWAY  
VANCOUVER, BC V6J 5K8

**LOCATION:**  
8370 CARTIER STREET  
VANCOUVER, BC

**TITLE:**  
DAVID LLOYD GEORGE ELEMENTARY  
V.S.B. BUILDING No. 17  
BASEMENT & GROUND FLOOR

<b>DATE:</b> 2016/05/04	<b>PROJECT #:</b> 12952L
<b>DRAWN BY:</b> PK	<b>DRAWING:</b>  <b>1 OF 2</b>
<b>CHECKED BY:</b> BZ	
<b>SCALE:</b> NTS	

- NOTES:**
1. ALL DRAWINGS TO BE REFERENCED WITH THE HAZARDOUS MATERIALS ASSESSMENT REPORT. NOT ALL KNOWN OR SUSPECT HAZARDOUS MATERIALS ARE DEPICTED ON THIS DRAWING. REFER TO THE HAZARDOUS MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF IDENTIFIED HAZARDOUS MATERIALS.
  2. BASEPLAN PROVIDED BY THE CLIENT.
  3. LEGEND IS COLOUR DEPENDENT, PHOTOCOPIES MAY ALTER INTERPRETATION OF FIGURE.
  4. LEAD-BASED PAINT IS PRESENT THROUGHOUT THE BUILDING.
  5. SUSPECT ASBESTOS-CONTAINING TRANSITE CEMENT CHALKBOARDS ARE PRESENT IN CLASSROOMS THROUGHOUT THE BUILDING.



- LEGEND:**
- (X) LOCATION NUMBER
  - ⊙ ASBESTOS BULK SAMPLE LOCATION
  - ▲ LEAD SAMPLE NUMBER
  - PCB BULK SAMPLE LOCATION
- ASBESTOS-CONTAINING MATERIALS:**
- D DUCT MASTIC
  - P PARGING CEMENT INSULATION
  - DM DUCT VIBRATION DAMPENER
  - DJC DRYWALL JOINT COMPOUND

**CLIENT:** VANCOUVER BOARD OF EDUCATION (SD39)  
1580 WEST BROADWAY  
VANCOUVER, BC V6J 5K8

**LOCATION:**  
8370 CARTIER STREET  
VANCOUVER, BC

**TITLE:**  
DAVID LLOYD GEORGE ELEMENTARY  
V.S.B. BUILDING No. 17  
SECOND & ROOF FLOOR

<b>DATE:</b> 2016/05/04	<b>PROJECT #:</b> 12952L
<b>DRAWN BY:</b> PK	<b>DRAWING:</b>  <b>2 OF 2</b>
<b>CHECKED BY:</b> BZ	
<b>SCALE:</b> NTS	

- NOTES:**
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**APPENDIX II-A**  
**Asbestos Analytical Certificates**



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0001 - A	Vinyl Sheet Flooring,Red Wave Pattern,Loc:1,Classroom	None Detected	35% Cellulose	65% Other	Red Non Fibrous Heterogeneous
1608615PLM_1	vinyl				Dissolved
S0001 - B	Vinyl Sheet Flooring,Red Wave Pattern,Loc:1,Classroom	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_30	mastic				Dissolved
S0002A - A	Vinyl Floor Tiles,Black W/ White Flecks,Loc:1,Classroom	None Detected		100% Other	Black Non Fibrous Homogeneous
1608615PLM_2	tile				Dissolved
S0002A - B	Vinyl Floor Tiles,Black W/ White Flecks,Loc:1,Classroom	None Detected		100% Other	Cream Non Fibrous Homogeneous
1608615PLM_51	mastic				Dissolved
S0002B	Vinyl Floor Tiles,Black W/ White Flecks,Loc:1,Classroom	None Detected		100% Other	Black Non Fibrous Homogeneous
1608615PLM_3					Dissolved
S0002C	Vinyl Floor Tiles,Black W/ White Flecks,Loc:1,Classroom	None Detected		100% Other	Black Non Fibrous Homogeneous
1608615PLM_4	ashed				Ashed
S0003 - A	Vinyl Sheet Flooring,Brown,Loc:3,Office	None Detected	30% Cellulose	70% Other	Brown Non Fibrous Heterogeneous
1608615PLM_5	vinyl				Dissolved
S0003 - B	Vinyl Sheet Flooring,Brown,Loc:3,Office	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_52	mastic				Dissolved

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Bart Huber (69)

Analyst

Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0004A - A	Glued-on Ceiling Tiles, Pinhole Pattern, Loc: 7, Office	None Detected	98% Cellulose	2% Other	White, Brown Fibrous Homogeneous
1608615PLM_6	ceiling tile				Teased
S0004A - B	Glued-on Ceiling Tiles, Pinhole Pattern, Loc: 7, Office	None Detected		100% Other	Brown Non Fibrous Homogeneous
1608615PLM_53	mastic				Dissolved
S0004B	Glued-on Ceiling Tiles, Pinhole Pattern, Loc: 7, Office	None Detected	98% Cellulose	2% Other	White, Brown Fibrous Homogeneous
1608615PLM_7	ceiling tile only				Teased
S0005 - A	Vinyl Sheet Flooring, Green Wave Pattern, Loc: 9, Classroom	None Detected	30% Cellulose	70% Other	Green Non Fibrous Heterogeneous
1608615PLM_8	vinyl				Dissolved
S0005 - B	Vinyl Sheet Flooring, Green Wave Pattern, Loc: 9, Classroom	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_54	mastic				Dissolved
S0006 - A	Vinyl Sheet Flooring, Black Base Cover, Loc: 9, Classroom	None Detected		100% Other	Black Non Fibrous Homogeneous
1608615PLM_9	vinyl				Dissolved
S0006 - B	Vinyl Sheet Flooring, Black Base Cover, Loc: 9, Classroom	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_55	mastic				Dissolved
S0007 - A	Vinyl Sheet Flooring, Yellow Wave Pattern, Loc: 15, Janitorial	None Detected	30% Cellulose	70% Other	Yellow Non Fibrous Heterogeneous
1608615PLM_10	vinyl				Dissolved

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**Date Received:** 5/4/2016  
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**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0007 - B	Vinyl Sheet Flooring, Yellow Wave Pattern, Loc:15, Janitorial	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_56	mastic				Dissolved
S0008 - A	Vinyl Sheet Flooring, Grey Riser Tread, Loc:17, Stairwell North	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1608615PLM_11	vinyl				Dissolved
S0008 - B	Vinyl Sheet Flooring, Grey Riser Tread, Loc:17, Stairwell North	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_57	mastic				Dissolved
S0009A - A	Vinyl Floor Tiles, Beige 12x12" W/ White Flecks, Loc:17, Stairwell North	None Detected		100% Other	Beige Non Fibrous Homogeneous
1608615PLM_12	tile				Dissolved
S0009A - B	Vinyl Floor Tiles, Beige 12x12" W/ White Flecks, Loc:17, Stairwell North	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_58	mastic				Dissolved
S0009B	Vinyl Floor Tiles, Beige 12x12" W/ White Flecks, Loc:17, Stairwell North	None Detected		100% Other	Beige Non Fibrous Homogeneous
1608615PLM_13					Dissolved
S0009C	Vinyl Floor Tiles, Beige 12x12" W/ White Flecks, Loc:17, Stairwell North	None Detected		100% Other	Beige Non Fibrous Homogeneous
1608615PLM_14	ashed				Ashed
S0010 - A	Vinyl Sheet Flooring, Red Base Layer, Loc:17, Stairwell North	None Detected	3% Cellulose	97% Other	Red Non Fibrous Heterogeneous
1608615PLM_15	red layer				Crushed

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0010 - B	Vinyl Sheet Flooring, Red Base Layer, Loc: 17, Stairwell North	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_59	mastic				Dissolved
S0011	Mastic, Black, Loc: 19, Attic	10% Chrysotile		90% Other	Black Non Fibrous Heterogeneous
1608615PLM_16					Dissolved
S0012A	Parging Cement Insulation, Loc: 19, Attic	15% Chrysotile		85% Other	Gray Non Fibrous Heterogeneous
1608615PLM_17					Crushed
S0012B	Parging Cement Insulation, Loc: 19, Attic	Not Analyzed			
1608615PLM_18					
S0013A	Canvas, Loc: 19, Attic	None Detected	98% Cellulose	2% Other	White Fibrous Heterogeneous
1608615PLM_19					Teased
S0013B	Canvas, Loc: 19, Attic	None Detected	98% Cellulose	2% Other	White Fibrous Heterogeneous
1608615PLM_20					Teased
S0014	Masonry, Brick Mortar, Loc: 20, Exterior And Roof	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1608615PLM_21					Crushed
S0015	Mastic, Silver, Loc: 20, Exterior And Roof	3% Chrysotile		97% Other	Silver Non Fibrous Heterogeneous
1608615PLM_22					Crushed, Dissolved

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin West Ltd.  
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Richmond, BC V6V 2V4

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Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0016	Caulking,Flashing Caulk,Loc:20,Exterior And Roof	<b>None Detected</b>		<b>100% Other</b>	Gray Non Fibrous Heterogeneous
1608615PLM_23					Dissolved
S0017	Paint,Grey Paint,Loc:20,Exterior And Roof	<b>None Detected</b>		<b>100% Other</b>	Gray Non Fibrous Heterogeneous
1608615PLM_24					Dissolved
S0018	Paint,White Paint,Loc:20,Exterior And Roof	<b>None Detected</b>		<b>100% Other</b>	White Non Fibrous Heterogeneous
1608615PLM_25					Dissolved
S0024A - A	Vinyl Floor Tiles,Red 9x9" W/ White Flecks,Loc:21,Classroom	<b>5% Chrysotile</b>		<b>95% Other</b>	Red Non Fibrous Homogeneous
1608615PLM_26	tile				Dissolved
S0024A - B	Vinyl Floor Tiles,Red 9x9" W/ White Flecks,Loc:21,Classroom	<b>None Detected</b>		<b>100% Other</b>	Black Non Fibrous Homogeneous
1608615PLM_60	mastic				Dissolved
S0024B	Vinyl Floor Tiles,Red 9x9" W/ White Flecks,Loc:21,Classroom	<b>Not Analyzed</b>			
1608615PLM_27					
S0024C	Vinyl Floor Tiles,Red 9x9" W/ White Flecks,Loc:21,Classroom	<b>Not Analyzed</b>			
1608615PLM_28					
S0025A - A	Parging Cement Insulation,Boiler Lines,Loc:25,Boiler Room	<b>None Detected</b>	<b>95% Cellulose</b>	<b>5% Other</b>	White Fibrous Homogeneous
1608615PLM_29	wrap				Teased

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0025A - B	Parging Cement Insulation,Boiler Lines,Loc:25,Boiler Room	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White Non Fibrous Heterogeneous
1608615PLM_61	mud				Crushed
S0025B - A	Parging Cement Insulation,Boiler Lines,Loc:25,Boiler Room	None Detected	95% Cellulose	5% Other	White Fibrous Homogeneous
1608615PLM_30	wrap				Teased
S0025B - B	Parging Cement Insulation,Boiler Lines,Loc:25,Boiler Room	None Detected	10% Cellulose 10% Fiber Glass	80% Other	White Non Fibrous Heterogeneous
1608615PLM_62	mud				Crushed
S0026A - A	Vinyl Floor Tiles,Grey 12x12",Loc:30,Classroom	None Detected		100% Other	Gray Non Fibrous Homogeneous
1608615PLM_31	tile				Dissolved
S0026A - B	Vinyl Floor Tiles,Grey 12x12",Loc:30,Classroom	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
1608615PLM_63	mastic				Dissolved
S0026B	Vinyl Floor Tiles,Grey 12x12",Loc:30,Classroom	None Detected		100% Other	Gray Non Fibrous Homogeneous
1608615PLM_32					Dissolved
S0026C	Vinyl Floor Tiles,Grey 12x12",Loc:30,Classroom	None Detected		100% Other	Gray Non Fibrous Homogeneous
1608615PLM_33	ashed				Ashed
S0027	Vinyl Sheet Flooring,Beige Mottled Pattern,Loc:34,Classroom	None Detected	30% Cellulose	70% Other	Beige Non Fibrous Heterogeneous
1608615PLM_34					Dissolved

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
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**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0028A - A	Vinyl Floor Tiles,Red 12x12",Loc:36,Janitorial	5% Chrysotile		95% Other	Red Non Fibrous Homogeneous
1608615PLM_35	tile				Dissolved
S0028A - B	Vinyl Floor Tiles,Red 12x12",Loc:36,Janitorial	None Detected	3% Cellulose	97% Other	Black, Yellow Non Fibrous Heterogeneous
1608615PLM_64	mastic				Dissolved
S0028B	Vinyl Floor Tiles,Red 12x12",Loc:36,Janitorial	Not Analyzed			
1608615PLM_36					
S0028C	Vinyl Floor Tiles,Red 12x12",Loc:36,Janitorial	Not Analyzed			
1608615PLM_37					
S0029	Mastic,Red,Loc:44,Storage Beneath Stage	3% Chrysotile		97% Other	Red Non Fibrous Heterogeneous
1608615PLM_38					Dissolved
S0030A - A	Vinyl Floor Tiles,Tan 12x12" W/ Black Streaks,Loc:48,Classroom	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1608615PLM_39	tile				Dissolved
S0030A - B	Vinyl Floor Tiles,Tan 12x12" W/ Black Streaks,Loc:48,Classroom	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Homogeneous
1608615PLM_65	mastic				Dissolved
S0030B	Vinyl Floor Tiles,Tan 12x12" W/ Black Streaks,Loc:48,Classroom	Not Analyzed			
1608615PLM_40					

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**Lab Order ID:** 1608615  
**Analysis ID:** 1608615\_PLM  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0030C	Vinyl Floor Tiles, Tan 12x12" W/ Black Streaks, Loc: 48, Classroom	Not Analyzed			
1608615PLM_41					
S0031A - A	Vinyl Floor Tiles, Mustard Yellow 12x12", Loc: 52, Corridor	3% Chrysotile		97% Other	Yellow Non Fibrous Homogeneous
1608615PLM_42	tile				Dissolved
S0031A - B	Vinyl Floor Tiles, Mustard Yellow 12x12", Loc: 52, Corridor	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
1608615PLM_66	mastic				Dissolved
S0031A - C	Vinyl Floor Tiles, Mustard Yellow 12x12", Loc: 52, Corridor	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
1608615PLM_67	felt				Teased, Dissolved
S0031B	Vinyl Floor Tiles, Mustard Yellow 12x12", Loc: 52, Corridor	Not Analyzed			
1608615PLM_43					
S0031C	Vinyl Floor Tiles, Mustard Yellow 12x12", Loc: 52, Corridor	Not Analyzed			
1608615PLM_44					
S0032 - A	Vinyl Sheet Flooring, Beige Mosaic, Loc: 59, Nurse Office	None Detected	60% Cellulose 10% Fiber Glass 10% Synthetic Fibers	20% Other	Beige Fibrous Heterogeneous
1608615PLM_45	backing				Teased
S0032 - B	Vinyl Sheet Flooring, Beige Mosaic, Loc: 59, Nurse Office	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_68	mastic				Dissolved

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**Date Received:** 5/4/2016  
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**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0033A	Canvas,Library Pipe Straights,Loc:63,Library	None Detected	95% Cellulose	5% Other	White Fibrous Heterogeneous
1608615PLM_46	wrap on fiberglass				Teased
S0033B	Canvas,Library Pipe Straights,Loc:63,Library	None Detected	95% Cellulose	5% Other	White Fibrous Heterogeneous
1608615PLM_47	wrap on fiberglass				Teased
S0034	Mastic,Mastic Pucks on Structure,Loc:63,Library	None Detected		100% Other	Brown Non Fibrous Homogeneous
1608615PLM_48					Dissolved
S0035 - A	Vinyl Sheet Flooring,Base Layer,Loc:63,Library	None Detected	30% Cellulose	70% Other	Brown Non Fibrous Heterogeneous
1608615PLM_49	vinyl				Dissolved
S0035 - B	Vinyl Sheet Flooring,Base Layer,Loc:63,Library	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1608615PLM_69	mastic				Dissolved

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Analyst

Approved Signatory



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

May 9, 2016

Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond BC V6V 2V4

Attention: G. Watkins / L. Erwin

Lab Reference No.: b129612  
Client Project Name: SD 39, David Lloyd George Elementary, 8370 Cartier Street, Vancouver, BC  
Client Project No.: 12952L  
Date Received: May 4, 2016  
Date Analyzed: May 9, 2016  
Analyst(s): A. Wells / T. Ly / K. Cockburn  
# Samples submitted: 5  
# Phases analyzed: 20

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### Methods of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared with representative portions of material and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. MA-244). Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested. If you have any questions, please feel free to contact me.

Yours truly,

**NOTE:** This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst and the laboratory manager. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty are available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Client Project Name: SD 39, David Lloyd George Elementary, 8370 Cartier Street, Vancouver, BC  
 Client Project No.: 12952L  
 Prepared For: G. Watkins / L. Erwin

Lab Reference No.: b129612  
 Date Analyzed: May 9, 2016

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0019 Tar, Main Building Shingle Roof, Loc:20, Exterior And Roof	3 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, rocky tar material.	None Detected	Tar > 75% Other Non-Fibrous 10-25%
S0020 Tar, Main Building Upper Roof, Loc:20, Exterior And Roof	3 Phases: a) Homogeneous, black, tar material with fibres.	None Detected	Synthetic Fibres 25-50% Tar and other non-fibrous 50-75%
	b) Homogeneous, black, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Styrofoam is present on the surface of this sample.		



**Pinchin Ltd. Asbestos Laboratory  
Certificate of Analysis**

Client Project Name: SD 39, David Lloyd George Elementary, 8370 Cartier Street, Vancouver, BC  
 Client Project No.: 12952L  
 Prepared For: G. Watkins / L. Erwin

Lab Reference No.: b129612  
 Date Analyzed: May 9, 2016

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0021 Tar, Main Building Lower Roof, Loc: 20, Exterior And Roof	4 Phases:		
	a) Non-homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Non-homogeneous, black, layered, soft, pliable material.	None Detected	Tar and other non-fibrous > 75%
	c) Non-homogeneous, black, layered, soft, pliable material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	d) Non-homogeneous, brown, compressed fibrous material.	None Detected	Cellulose > 75% Tar and other non-fibrous 0.5-5%
Comments:	Foam is present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Client Project Name: SD 39, David Lloyd George Elementary, 8370 Cartier Street, Vancouver, BC  
 Client Project No.: 12952L  
 Prepared For: G. Watkins / L. Erwin

Lab Reference No.: b129612  
 Date Analyzed: May 9, 2016

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0022 Tar,Gym Upper Roof,Loc:20,Exterior And Roof	6 Phases:		
	a) Non-homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Non-homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Non-homogeneous, black, layered, soft, pliable, material.	None Detected	Tar and other non-fibrous > 75%
	d) Non-homogeneous, black, layered, soft, pliable, fibrous material	None Detected	Synthetic Fibres 25-50% Tar and other non-fibrous 50-75%
	e) Non-homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	f) Non-homogeneous, black, paper.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 0.5-5% Tar and other non-fibrous 10-25%
Comments:	Foam and cellulose present on the surface of this sample.		



**Pinchin Ltd. Asbestos Laboratory  
Certificate of Analysis**

**Client Project Name:** SD 39, David Lloyd George Elementary, 8370 Cartier Street, Vancouver, BC  
**Client Project No.:** 12952L  
**Prepared For:** G. Watkins / L. Erwin

**Lab Reference No.:** b129612  
**Date Analyzed:** May 9, 2016

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0023 Tar, Gym Lower Roof, Loc: 20, Exterior And Roof	4 Phases:		
	a) Non-homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Non-homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Non-homogeneous, black, layered, soft, pliable, material.	None Detected	Tar and other non-fibrous > 75%
	d) Non-homogeneous, black, layered, soft, pliable, fibrous material	None Detected	Synthetic Fibres 25-50% Tar and other non-fibrous 50-75%
Comments:	Cellulose and foam are present on the surface of this sample.		

**Reviewed by:**

**Reporting Analyst:**



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1616575  
**Analysis ID:** 1616575\_PLM  
**Date Received:** 8/24/2016  
**Date Reported:** 8/24/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0036A	Black Mastic on Concealed Terra Cotta, Rm 206 1F	None Detected		100% Other	Black Non Fibrous Heterogeneous
1616575PLM_1					Dissolved
S0036B	Black Mastic on Concealed Terra Cotta, Rm 312 2F	None Detected		100% Other	Black Non Fibrous Heterogeneous
1616575PLM_2					Dissolved
S0037	Cement Plugs for Screws, Gym, 1F	None Detected	90% Cellulose	10% Other	Tan Fibrous Heterogeneous
1616575PLM_3					Ashed
S0038	Mortar on Ductwork, Rm 312 2F	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1616575PLM_4					Crushed
S0039	Paper Concealed behind Terra Cotta, Rm 312 2F	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
1616575PLM_5					Dissolved

**Disclaimer:** Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (5)

Analyst

Approved Signatory

**APPENDIX II-B**  
**Lead Analytical Certificates**



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7420



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608635  
**Analysis ID:** 1608635\_PBP  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
L0001	Wall, Plaster, Offwhite Plaster,Loc:1,Classroom	0.0517	460	0.046%
1608635PBP_1				
L0002	Ceiling, Plaster, White Plaster,Loc:1,Classroom	0.0594	290	0.029%
1608635PBP_2				
L0003	Other, Wood, White Wood Trim,Loc:1,Classroom	0.0849	1700	0.17%
1608635PBP_3				
L0004	Other, Wood, Black Wood Baseboard,Loc:1,Classroom	0.0567	3400	0.34%
1608635PBP_4				
L0005	Other, Wood, Red Wood Door,Loc:1,Classroom	0.0528	11000	1.1%
1608635PBP_5				
L0006	Pipe, Metal, White Metal Pipe,Loc:1,Classroom	0.0584	500	0.050%
1608635PBP_6				
L0007	Wall, Plaster, Teal Plaster,Loc:13,Janitorial	0.0622	7900	0.79%
1608635PBP_7				
L0008	Structure, Wood, White,Loc:19,Attic	0.0626	130	0.012%
1608635PBP_8				
L0009	Wall, Masonry, Brick Mortar,Loc:20,Exterior And Roof	0.0831	< 48	< 0.005%
1608635PBP_9				
L0010	Other, Metal, Red Flashing,Loc:20,Exterior And Roof	0.0560	130	0.013%
1608635PBP_10				

Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Daniel Olson (18)

Analyst

Scientific Analytical Institute, Inc.

Laboratory Director



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7420



**Customer:** Pinchin West Ltd.  
Suite 200, 13775 Commerce Parkway  
Richmond, BC V6V 2V4

**Attn:** Gordon Watkins  
Laura Erwin

**Lab Order ID:** 1608635  
**Analysis ID:** 1608635\_PBP  
**Date Received:** 5/4/2016  
**Date Reported:** 5/4/2016

**Project:** David Lloyd George Elementary

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
L0011	Wall, Concrete (precast), White Concrete, Loc:20, Exterior And Roof	0.0668	6700	0.67%
1608635PBP_11				
L0012	Wall, Concrete (precast), Grey Concrete, Loc:20, Exterior And Roof	0.0714	1100	0.11%
1608635PBP_12				
L0013	Other, Metal, Black Rails, Loc:20, Exterior And Roof	0.1166	5300	0.53%
1608635PBP_13				
L0014	Wall, Plaster, Blue Plaster, Loc:22, Janitorial	0.0765	370	0.037%
1608635PBP_14				
L0015	Floor, Concrete (precast), Grey Concrete, Loc:22, Janitorial	0.0525	< 76	< 0.008%
1608635PBP_15				
L0016	Wall, Concrete (precast), Mint Green Concrete, Loc:25, Boiler Room	0.0709	4400	0.44%
1608635PBP_16				
L0017	Wall, Concrete (precast), Teal Concrete, Loc:25, Boiler Room	0.0650	2800	0.28%
1608635PBP_17				
L0018	Wall, Concrete (precast), White Concrete, Loc:45, Gym	0.0519	1300	0.13%
1608635PBP_18				

Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIIA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Daniel Olson (18)

**APPENDIX II-C**  
**PCB Analytical Certificates**

## Certificate of Analysis

Gordon Watkins

Pinchin West Ltd. (Richmond, BC)  
STE 200 - 13775 Commerce PKWY, Richmond, BC, V6V 2V4

Printed: May 10, 2016

**Report Description:** 1 solid sample was submitted for the following chemical analysis

<b>Project Name:</b> SD 39	<b>Date Sampled:</b> May 02, 2016
<b>Project No.:</b> 12952L	<b>Date Tested:</b> May 10, 2016
<b>Site Location:</b> 8370 Cartier Street, Vancouver, BC	<b>Sampled by:</b> Gordon Watkins

### Report Number: 16-0795

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
1	<b>Sample ID.: P0001 - Flashing Caulk, Loc: 20, Exterior and Roof</b>					
	PCBs in Solid	<0.5	mg/kg	0.5		LAB-M06 (EPA 3550C/8082A modified)
	Comment(s)	-	N/A	N/A	"mg/kg" is equivalent to "ppm"	N/A

Results relate only to the samples tested above, as received.

Approved By:

**Son C.H. Le, B. Eng. (Chem.)**

Lab Manager

Phone: (519) 740-1333 Ext.: 230

Fax: (519) 740-2320

Email: SonLe@aevitas.ca

The Analytical Chemistry Laboratory of Aevitas Inc. (Ayr) is accredited for specific tests in accordance with the recognised International Standard ISO/IEC 17025:2005 by the Canadian Association for Laboratory Accreditation (CALA) Inc. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009). The laboratory quality management system of Aevitas Inc. (Ayr) meets the principles of ISO 9001:2008.

All Analytical data is subject to uncertainty which, may vary with sample matrices, sample preparation techniques and instrumental parameters. As a general guideline, uncertainty may be expressed as approximately +/- 50% of the reported value at or near the Method Detection Limit (MDL) and +/-10% or less, of the reported result that is greater than 10 times the MDL. Method Detection Limits are defined as approximately 3 times the standard deviation value (at 99% confidence level), which is obtained from replicate analysis of a low-level standard as per the Ontario MOE - MISA Protocol for the Sampling and Analysis of Industrial / Municipal Wastewater (1999). MDL determination is based on undiluted samples with relatively low matrix interferences. Where dilutions are required, the reported MDL value will be scaled proportionally.

All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.

**APPENDIX III**  
**Methodology**

## 1.0 GENERAL

PWL conducts a room-by-room survey (rooms, corridors, service areas, exterior, etc.) to identify the hazardous building materials as defined by the scope of work. All work is conducted in accordance with our own internal Standard Operating Procedures.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities are recorded. The locations of any samples collected are recorded on small-scale plans.

As-built drawings and previous reports are referenced where provided.

### 1.1 Scope Limitations

The assessment excludes the following:

- Articles belonging to the owner, tenant or occupant (e.g. stored items, furniture, appliances, etc.);
- Underground materials or equipment (e.g. vessels, drums, underground storage tanks, pipes, etc.);
- Building envelope, structural components, inaccessible or concealed materials or other items where sampling may cause consequential damage to the property.
- Energized systems (e.g. internal boiler components, elevators, mechanical or electrical components);
- Controlled products (e.g. stored chemicals, operational or process-related substances); and
- Materials not typically associated with construction (e.g. settled dust, spills, residual contamination from prior spills, etc.).

The assessment includes limited demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring is conducted where possible (under carpets or multiple layers of flooring). Demolition of masonry walls (chases, shafts etc.), structural items or exterior building finishes is not conducted.

### 1.2 Asbestos

PWL conducts an inspection for the presence of friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure.

A separate set of samples is collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials are determined by visual examination and available information on the phases of construction and prior renovations.

PWL collects samples at a rate that is in compliance with the requirements of local regulations and guidelines.

The sampling strategy is also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start/finish date of construction and associated usage of ACM.

In some cases, manufactured products such as asbestos cement pipe are visually identified without sample confirmation.

PWL conducts limited demolition of masonry block walls (core holes) to investigate for loose fill insulation. The core holes are temporarily patched with expanding foam.

PWL undertakes sampling of roofing felts at the client's request using a qualified roofer retained by the owner to assist in collection of the samples and to properly patch the roof in the sample locations.

Flooring mastic/adhesive and leveling compounds are only sampled and analyzed if present on the underside of flooring samples (vinyl floor tile and vinyl sheet flooring).

If present, the following materials are presumed to be asbestos-containing and are best sampled immediately prior to commencing renovation/disturbance:

- concrete floor levelling compound
- electrical components or wiring within control centers, breakers, motors or lights, insulation on wiring
- moulded plastic components (laboratory bench tops)
- insulation under metal clad boilers and vessels
- paper products under wood flooring or metal or slate roofing
- soffit and fascia boards at elevated heights
- mechanical packing, ropes and gaskets
- fire resistant doors or metal clad finishes

PWL submits the bulk samples to a NVLAP accredited laboratory for analysis. The analysis is performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

In British Columbia an ACM is defined as materials containing 0.5% asbestos by weight, or any amount of asbestos for vermiculite insulation.

The asbestos analysis is completed using a stop positive approach. Only one result meeting the above regulated criteria is required to determine that a material is asbestos-containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stops analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material are analyzed if no asbestos is detected. In some cases, all samples are analyzed in the sample set regardless of result. Where building materials are described in the report as non-asbestos, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation.

### 1.3 Lead

PWL collects samples of distinctive paint finishes and surface coatings present in more than a limited application, where removal of the paint is possible. PWL collects samples by scraping the painted finish to include base and covering applications. Drawings included show sample locations.

Analysis for lead in paints or surface coatings is performed at an accredited laboratory in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.

For this report, all paints containing lead at a concentration of 0.009% or greater are discussed. Paint and surface coatings are evaluated for condition such as flaking, chipping or chalking.

Other lead building products (e.g. batteries, lead sheeting, flashing) are identified by visual observation only.

### 1.4 Silica

PWL identifies building materials suspected of containing crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) by knowledge of current and historic applications and visual inspection only. PWL does not perform sampling of these materials for laboratory analysis of crystalline silica content.

### 1.5 Mercury

Building materials/products/equipment (e.g. thermostats, barometers, pressure gauges, light tubes), suspected to contain mercury are identified by visual inspection only. Dismantling of equipment

suspected of containing mercury is not performed. Sampling of these materials for laboratory analysis of mercury content is not performed.

Mercury spills or damaged mercury-containing equipment are recorded where observed.

### 1.6 Polychlorinated Biphenyls

PWL determines the potential for light ballasts to contain PCBs based on the age of the building, a review of maintenance records and examination of labels or nameplates on equipment, where present and accessible. The information is compared to known ban dates of PCBs and Environment Canada publications. Other than light ballasts and pole mounted transformers, all other liquid uses of PCBs should have been discontinued.

PWL records spills or leakage of suspect PCB-containing fluids where observed or identified in historical documents.

PWL samples exterior caulking or sealants for PCBs based on the date of construction or installation. Caulking installed after 1985 is presumed to be free of PCBs and hence not sampled. If sampled, analysis for PCBs is performed using an ASTM test method appropriate to the sample matrix at an accredited laboratory.

### 1.7 Ozone Depleting Substances (ODS)

PWL determines the potential presence of ODS (chlorofluorocarbon, hydrochlorofluorocarbon, hydrofluorocarbon, halon, etc.) in air conditioning units, chillers, commercial coolers and fire suppression systems by visual inspection of manufactures' labels or plates, maintenance records, or log books, etc.

Domestic type equipment such as window mounted and small central air conditioners, refrigerators, and freezers are not evaluated for the presence of ODS.

### 1.8 Visible Mould

PWL identifies the presence of mould if visibly present in a significant quantity on exposed building surfaces. If any mould growth is concealed within wall cavities it is not addressed in this assessment.

Master Template: Methodology Document for Hazardous Building Materials Pre-Construction, HAZ, February 1, 2016

**APPENDIX IV**  
**Location Summary Report**



LOCATIONS LIST

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02

Location No.	Name or Description	ft <sup>2</sup>	Floor No.	Notes
1	Classroom, room no. 307	650	2	
2	Classroom, room no. 308	650	2	
3	Office, room no. 315	200	2	
4	Classroom, room no. 309	650	2	
5	Classroom, room no. 310	650	2	
6	Classroom, room no. 311	650	2	
7	Office, room no. 313	200	2	
8	Staff Room, room no. 314	650	2	
9	Classroom, room no. 302	650	2	
10	Office, room no. 303	200	2	
11	Office And Vestibule, room no. 304/305	200	2	
12	Staff Washroom, room no. 306	200	2	
13	Janitorial, room no. 301B	100	2	
14	Classroom, room no. 312	650	2	
15	Janitorial, room no. 301A	100	2	
16	Corridor	1500	2	
17	Stairwell North, room no. 399	500		
18	Stairwell South, room no. 398	500		
19	Attic	5000	3	
20	Exterior And Roof			
21	Classroom, room no. 119	650	B	
22	Janitorial, room no. 127	200	B	
23	Office, room no. 128	200	B	
24	Boy's Washroom, room no. 129	250	B	
25	Boiler Room, room no. 130	650	B	
26	Girl's Washroom, room no. 131	250	B	
27	Classroom, room no. 118	650	B	
28	Classroom, room no. 117	650	B	
29	Janitorial, room no. 126	100	B	
30	Classroom, room no. 120	650	B	
31	Cafeteria, room no. 124	1000	B	
32	Kitchen, room no. 124A	300	B	
33	Corridor	2000	B	
34	Classroom, room no. 116	650	B	
35	Classroom, room no. 115	650	B	
36	Janitorial, room no. 121A	60	B	
37	Girl's Changeroom, room no. 113	500	B	
38	Gym Storage, room no. 112	200	B	
39	Gym Entry And Washrooms	250	B	
40	Gym Storage, room no. 105	200	B	
41	Boy's Changeroom, room no. 104	500	B	
42	Boy's Washroom, room no. 103	200	B	
43	Girl's Washroom, room no. 102	200	B	
44	Storage Beneath Stage, room no. 001	400	B	
45	Gym	5000	B	
46	Corridor	2000	B	
47	Electrical Room, room no. 122	300	B	
48	Classroom, room no. 214	650	1	
49	Classroom, room no. 213	650	1	

LOCATIONS LIST

50	Janitorial, room no. 210	60	1	
51	Storage	200	1	
52	Corridor	800	1	
53	Classroom, room no. 204	650	1	
54	Classroom, room no. 203	650	1	
55	General Office, room no. 202	650	1	
56	Classroom, room no. 201	650	1	
57	Classroom, room no. 206	650	1	
58	Janitorial, room no. 200A	60	1	
59	Nurse Office, room no. 209	200	1	
60	Office, room no. 207	200	1	
61	Classroom, room no. 205	650	1	
62	Corridor	1500	1	
63	Library, room no. 208	1000	1	

**APPENDIX V**  
**Hazardous Material Summary Report**



## HAZARDOUS MATERIALS SUMMARY

1-877-322-4744  
www.pinchinwest.com

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02

HAZARDOUS MATERIALS SUMMARY - ASBESTOS CONTAINING MATERIALS (ACM)									
Sample No.	System	Material/Notes	Friable	Location(s)	Substance	Amount	Unit	Positive	
S0001	FLOOR	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes	1,2,4,5,6,8,10,11,14,28,53,54,56,57,61	None Detected			No	
S0002	FLOOR	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No	1,2,4,6,9,14,21,52,53,54,56,57,58,61,62	None Detected			No	
S0003	FLOOR	VINYL SHEET FLOORING, BROWN	Yes	3,7,59,60	None Detected			No	
S0004	CEILING	GLUED-ON CEILING TILES, PINHOLE PATTERN	Yes	7,9,15,16,17,18,31,34,35,46,48,49,51,52,55,62	None Detected			No	
S0005	FLOOR	VINYL SHEET FLOORING, GREEN WAVE PATTERN	Yes	9,16,48,49,51,59,60	None Detected			No	
S0006	OTHER	VINYL SHEET FLOORING, BLACK BASE COVER	Yes	9,10,11,36,50,58	None Detected			No	
S0007	FLOOR	VINYL SHEET FLOORING, YELLOW WAVE PATTERN	Yes	15,16,18,62	None Detected			No	
S0008	FLOOR	VINYL SHEET FLOORING, GREY RISER TREAD	Yes	17,18	None Detected			No	
S0009	FLOOR	VINYL FLOOR TILES, BEIGE 12X12" W/ WHITE FLECKS	No	17,18,27,58	None Detected			No	
S0010	FLOOR	VINYL SHEET FLOORING, RED BASE LAYER	Yes	17,18	None Detected			No	
S0011	DUCT	MASTIC, BLACK	No	19,63	Chrysotile	10	%	Yes	
S0012	PIPE	PARGING CEMENT INSULATION	Yes	19,23,31,38,39,40,44,53,54,56,57,61	Chrysotile	15	%	Yes	
S0013	PIPE	CANVAS	No	19,22,23	None Detected			No	
S0014	WALL	MASONRY, BRICK MORTAR	No	20	None Detected			No	
S0015	DUCT	MASTIC, SILVER	No	20	Chrysotile	3	%	Yes	
S0016	OTHER	CAULKING, FLASHING CAULK	No	20	None Detected			No	
S0017	OTHER	PAINTED, GREY PAINT	No	20	None Detected			No	
S0018	OTHER	PAINTED, WHITE PAINT	No	20	None Detected			No	
S0019	OTHER	TAR, MAIN BUILDING SHINGLE ROOF	No	20	None Detected			No	
S0020	OTHER	TAR, MAIN BUILDING UPPER ROOF	No	20	None Detected			No	
S0021	OTHER	TAR, MAIN BUILDING LOWER ROOF	No	20	None Detected			No	
S0022	OTHER	TAR, GYM UPPER ROOF	No	20	None Detected			No	
S0023	OTHER	TAR, GYM LOWER ROOF	No	20	None Detected			No	



HAZARDOUS MATERIALS SUMMARY

S0024	FLOOR	VINYL FLOOR TILES, RED 9X9" W/ WHITE FLECKS	No	21	Chrysotile	5	%	Yes
S0025	PIPE	PARGING CEMENT INSULATION, BOILER LINES	Yes	25	None Detected			No
S0026	FLOOR	VINYL FLOOR TILES, GREY 12X12"	No	30,32	Chrysotile	5	%	Yes
S0027	FLOOR	VINYL SHEET FLOORING, BEIGE MOTTLED PATTERN	Yes	34,35	None Detected			No
S0028	FLOOR	VINYL FLOOR TILES, RED 12X12"	No	36,46	Chrysotile	5	%	Yes
S0029	DUCT	MASTIC, RED	No	44	Chrysotile	3	%	Yes
S0030	FLOOR	VINYL FLOOR TILES, TAN 12X12" W/ BLACK STREAKS	No	48	Chrysotile	3	%	Yes
S0031	FLOOR	VINYL FLOOR TILES, MUSTARD YELLOW 12X12"	No	52	Chrysotile	5	%	Yes
S0032	FLOOR	VINYL SHEET FLOORING, BEIGE MOSAIC	Yes	59	None Detected			No
S0033	PIPE	CANVAS, LIBRARY PIPE STRAIGHTS	No	63	None Detected			No
S0034	OTHER	MASTIC, MASTIC PUCKS ON STRUCTURE	No	63	None Detected			No
S0035	FLOOR	VINYL SHEET FLOORING, BASE LAYER	Yes	63	None Detected			No
S0036	OTHER	MASTIC, BLACK MASTIC ON CONCEALED TERRA COTTA	No	14,57	None Detected			No
S0037	OTHER	TEXTILE, CEMENT PLUGS FOR SCREWS	No	45	None Detected			No
S0038	DUCT	MASONRY, MORTAR ON DUCTWORK	No	14	None Detected			No
S0039	OTHER	PAPER, PAPER CONCEALED BEHIND TERRA COTTA	No	14	None Detected			No
V9000	WALL	DRYWALL AND JOINT COMPOUND	No	10,11	Visually Confirmed			Yes
V9000	PIPE	PARGING CEMENT INSULATION	Yes	24,25,26,28,29,30,33,34,35,42,43,44	Visually Confirmed			Yes
V9000	FLOOR	VINYL FLOOR TILES	No	31,35,46,50,52	Visually Confirmed			Yes
V9500	OTHER	TRANSITE (ASBESTOS CEMENT)	No	1,2,4,5,6,9,14,21,28,30,34,35,45,48,49,53,54,56,57,61	Presumed Asbestos			Yes
V9500	DUCT	TEXTILE	No	19,44	Presumed Asbestos			Yes
V9500	PIPE	PARGING CEMENT INSULATION	Yes	46	Presumed Asbestos			Yes



HAZARDOUS MATERIALS SUMMARY

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02

HAZARDOUS MATERIALS SUMMARY - LEAD BASED PAINT (LBP)

Sample No.	System	Description	Location(s)	Substance	Amount	Unit	Positive
L0001	WALL	OFFWHITE PLASTER	1,2,3,4,5,6,7,8,9,10,11,13,14,15,23,29,31,36,44,50,53,54,55,56,57,58,59,60,61	Lead	0.46	%	Yes
L0002	CEILING	WHITE PLASTER	1,2,3,4,5,6,7,8,9,10,11,12,14,16,21,24,26,27,28,30,31,33,34,35,37,38,39,40,41,42,43,46,48,49,51,52,53,54,55,56,57,59,60,61,62,63	Lead	0.029	%	Yes
L0003	OTHER	WHITE WOOD TRIM	1,2,3,4,5,6,7,8,9,10,11,14,16,21,28,30,31,33,34,35,46,48,49,52,53,54,55,56,57,59,60,61,62	Lead	0.17	%	Yes
L0004	OTHER	BLACK WOOD BASEBOARD	1,2,3,4,5,6,7,8,9,10,11,12,14,16,21,24,26,28,30,31,33,34,35,37,41,42,43,46,48,49,52,53,54,55,56,57,59,60,61,62	Lead	0.34	%	Yes
L0005	OTHER	RED WOOD DOOR	1,2,3,4,5,6,7,8,9,10,11,14,16,21,28,30,31,33,34,35,37,41,46,48,49,52,53,54,55,56,57,59,60,61,62	Lead	1.1	%	Yes
L0006	PIPE	WHITE METAL PIPE	1,2,3,4,5,6,7,8,9,10,11,14,16,21,28,30,31,33,34,35,46,48,49,52,53,54,55,56,57,59,60,61,62	Lead	0.050	%	Yes
L0007	WALL	TEAL PLASTER	13,32	Lead	0.79	%	Yes
L0008	STRUCTURE	WHITE	19,44,45	Lead	0.012	%	Yes
L0009	WALL	BRICK MORTAR	20	Lead	<0.005	%	No
L0010	OTHER	RED FLASHING	20	Lead	0.013	%	Yes
L0011	WALL	WHITE CONCRETE	20	Lead	0.67	%	Yes
L0012	WALL	GREY CONCRETE	20	Lead	0.11	%	Yes
L0013	OTHER	BLACK RAILS	20	Lead	0.53	%	Yes
L0014	WALL	BLUE PLASTER	22	Lead	0.037	%	Yes
L0015	FLOOR	GREY CONCRETE	22,23,25,29	Lead	<0.008	%	No
L0016	WALL	MINT GREEN CONCRETE	25	Lead	0.44	%	Yes
L0017	WALL	TEAL CONCRETE	25	Lead	0.28	%	Yes
L0018	WALL	WHITE CONCRETE	45	Lead	0.13	%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02

HAZARDOUS MATERIALS SUMMARY - LEAD (PB) PRODUCTS

Component	Total Quantity (Estimated)	Location(s)
LEAD PIPES	30	20



HAZARDOUS MATERIALS SUMMARY

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02

HAZARDOUS MATERIALS SUMMARY - MERCURY (HG)

Component	Total Quantity (Estimated)	Location(s)
FLUORESCENT LIGHT TUBE	1108	1,10,11,12,14,16,17,18,2,21,22,23,24,25,26,27,28,3,30,31,32,33,34,35,37,38,39,4,40,41,42,43,45,46,48,49,5,52,53,54,55,56,57,59,6,60,61,62,63,7,8,9

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02

HAZARDOUS MATERIALS SUMMARY - POLYCHLORINATED BIPHENYLS (PCB)

Component	Total Quantity (Estimated)	Location(s)	Amount	Unit	Positive
LIGHT BALLASTS	497	1,10,11,12,14,16,17,18,2,21,22,23,24,25,26,28,3,30,31,32,33,34,35,37,38,39,4,40,41,42,43,45,46,48,49,5,52,53,54,55,56,57,59,6,60,61,62,63,7,8,9			Yes
CAULKING	2000	20	<0.5	mg/kg	No

**APPENDIX VI**  
**All Data Report**



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 1 Location Name: Classroom Floor: 2 Room #: 307 Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	S0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			17	SF	S0002A	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			17	SF	S0002B	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			17	SF	S0002C	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 2 Location Name: Classroom Floor: 2 Room #: 308 Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

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Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 3      Location Name: Office      Floor: 2      Room #: 315      Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, BROWN	Yes			200	SF	S0003	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 4      Location Name: Classroom      Floor: 2      Room #: 309      Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			200	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
FLOOR	ALL	CARPET	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

Project #: 12952L  
Location #: 5

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 310

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			650	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	CARPET	No	SURFACE		0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L  
Location #: 6

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 311

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			645	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	CARPET	No	SURFACE		0			~		No
FLOOR	ALL	VINYL FLOOR TILES	No			5	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

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Project #: 12952L  
Location #: 7

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 313

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, BROWN	Yes	BASE		200	SF	V0003	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING, NO BACKING	Yes	SURFACE		100	%	V0000	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES, PINHOLE PATTERN	Yes			75	SF	S0004A	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES, PINHOLE PATTERN	Yes			75	SF	S0004B	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 8

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Staff Room

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 314

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			650	SF	V0001	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L  
Location #: 9

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 302

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, GREEN WAVE PATTERN	Yes			650	SF	S0005	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			100	SF	V0004	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes
OTHER	ALL	VINYL SHEET FLOORING, BLACK BASE COVER	Yes			80	LF	S0006	NON-ASBESTOS		No
OTHER	ALL	DRYWALL NO COMPOUND	No			100	%	V0000	NON-ASBESTOS		No

Project #: 12952L  
Location #: 10

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 303

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			200	SF	V0001	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	SF	V0000	NON-ASBESTOS		No
WALL	ALL	DRYWALL AND JOINT COMPOUND, PREVIOUSLY SAMPLED	No			300	SF	V9000	CONFIRMED		Yes
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			30	LF	V0006	NON-ASBESTOS		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 11

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Office And Vestibule

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 304/305

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			200	SF	V0001	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	SF	V0000	NON-ASBESTOS		No
WALL	ALL	DRYWALL AND JOINT COMPOUND, PREVIOUSLY SAMPLED	No			300	SF	V9000	CONFIRMED		Yes
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			30	LF	V0006	NON-ASBESTOS		No

Project #: 12952L  
Location #: 12

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Staff Washroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 306

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 13

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 301B

Survey Date: 2016-05-02  
Square ft: 100

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	NOT FOUND		No			0			~		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 14

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 312

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	ALL	MASONRY, MORTAR ON DUCTWORK	No			100	%	S0038	NON-ASBESTOS		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes
OTHER	ALL	MASTIC, BLACK MASTIC ON CONCEALED TERRA COTTA	No			100	%	S0036B	NON-ASBESTOS		No
OTHER	ALL	PAPER, PAPER CONCEALED BEHIND TERRA COTTA	No			100	%	S0039	NON-ASBESTOS		No



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Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 15      Location Name: Janitorial      Floor: 2      Room #: 301A      Square ft: 100

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, YELLOW WAVE PATTERN	Yes			100	SF	S0007	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			100	SF	V0004	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	SF	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 16      Location Name: Corridor      Floor: 2      Room #:      Square ft: 1500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			1400	SF	V0007	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING	Yes			100	SF	V0005	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes	SURFACE		1500	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No	BASE		1500	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 17

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Stairwell North

Building Name: David Lloyd George Elementary  
Floor:

Surveyor: Gordon Watkins  
Room #: 399

Survey Date: 2016-05-02  
Square ft: 500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, GREY RISER TREAD	Yes			300	SF	S0008	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BEIGE 12X12" W/ WHITE FLECKS	No			66	SF	S0009A	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BEIGE 12X12" W/ WHITE FLECKS	No			66	SF	S0009B	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BEIGE 12X12" W/ WHITE FLECKS	No			66	SF	S0009C	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING, RED BASE LAYER	Yes	BASE		100	SF	S0010	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			500	SF	V0004	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	ALL		No			0			~		No

Project #: 12952L  
Location #: 18

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Stairwell South

Building Name: David Lloyd George Elementary  
Floor:

Surveyor: Gordon Watkins  
Room #: 398

Survey Date: 2016-05-02  
Square ft: 500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, GREY RISER TREAD	Yes			300	SF	V0008	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BEIGE 12X12" W/ WHITE FLECKS	No			150	SF	V0009	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING, RED BASE LAYER	Yes	BASE		100	SF	V0010	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING	Yes			50	SF	V0007	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			500	SF	V0004	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	ALL		No			0			~		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 19

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Attic

Building Name: David Lloyd George Elementary  
Floor: 3

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 5000

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	ALL	MASTIC, BLACK	No			300	LF	S0011	CHRYBOTILE	10%	Yes
DUCT	ALL	TEXTILE, VIBRATION DAMPENER	No			2	EA	V9500	PRESUMED		Yes
PIPE	ALL	PARGING CEMENT INSULATION	Yes			15	EA	S0012A	CHRYBOTILE	15%	Yes
PIPE	ALL	PARGING CEMENT INSULATION	Yes			15	EA	S0012B	CHRYBOTILE	15%	Yes
PIPE	ALL	CANVAS	No			100	LF	S0013A	NON-ASBESTOS		No
PIPE	ALL	CANVAS	No			100	LF	S0013B	NON-ASBESTOS		No

Project #: 12952L  
Location #: 20

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Exterior And Roof

Building Name: David Lloyd George Elementary  
Floor:

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft:

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
WALL	ALL	MASONRY, BRICK MORTAR	No			15000	SF	S0014	NON-ASBESTOS		No
DUCT	ALL	MASTIC, SILVER	No			10	LF	S0015	CHRYBOTILE	3%	Yes
OTHER	ALL	CAULKING, FLASHING CAULK	No			2000	LF	S0016	NON-ASBESTOS		No
OTHER	ALL	PAINTED, GREY PAINT	No			3000	SF	S0017	NON-ASBESTOS		No
OTHER	ALL	PAINTED, WHITE PAINT	No			3000	SF	S0018	NON-ASBESTOS		No
OTHER	ROOF	TAR, MAIN BUILDING SHINGLE ROOF	No			5000	SF	S0019	NON-ASBESTOS		No
OTHER	ROOF	TAR, MAIN BUILDING UPPER ROOF	No			650	SF	S0020	NON-ASBESTOS		No
OTHER	ROOF	TAR, MAIN BUILDING LOWER ROOF	No			200	SF	S0021	NON-ASBESTOS		No
OTHER	ROOF	TAR, GYM UPPER ROOF	No			5000	SF	S0022	NON-ASBESTOS		No
OTHER	ROOF	TAR, GYM LOWER ROOF	No			2500	SF	S0023	NON-ASBESTOS		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 21

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 119

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, RED 9X9" W/ WHITE FLECKS	No			200	SF	S0024A	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, RED 9X9" W/ WHITE FLECKS	No			200	SF	S0024B	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, RED 9X9" W/ WHITE FLECKS	No			200	SF	S0024C	CHRYSOTILE	5%	Yes
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L  
Location #: 22

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 127

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	CANVAS	No			15	LF	V0013	NON-ASBESTOS		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 23      Location Name: Office      Floor: B      Room #: 128      Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
FLOOR	ALL	VINYL SHEET FLOORING, NO BACKING	Yes			50	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			8	EA	V0012	CHRYSTOLE	15%	Yes
PIPE	ALL	CANVAS	No			15	LF	V0013	NON-ASBESTOS		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 24      Location Name: Boy's Washroom      Floor: B      Room #: 129      Square ft: 250

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			11	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

Project #: 12952L  
Location #: 25

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Boiler Room

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 130

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	CONCRETE (PRECAST)	No			0			~		No
WALL	ALL	TERRA COTTA	No			0			~		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, BOILER LINES	Yes			10	EA	S0025A	NON-ASBESTOS		No
PIPE	ALL	PARGING CEMENT INSULATION, BOILER LINES	Yes			10	EA	S0025B	NON-ASBESTOS		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			5	EA	V9000	CONFIRMED		Yes
MECHANICAL	ALL	FIBREGLASS	No			0			~		No

Project #: 12952L  
Location #: 26

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Girl's Washroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 131

Survey Date: 2016-05-02  
Square ft: 250

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			11	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 27

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 118

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES	No			650	SF	V0009	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	LAY-IN CEILING TILES, 2001	Yes			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 28

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 117

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			650	SF	V0001	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			25	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 29      Location Name: Janitorial      Floor: B      Room #: 126      Square ft: 100

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			1	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 30      Location Name: Classroom      Floor: B      Room #: 120      Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES, GREY 12X12"	No			217	SF	S0026A	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, GREY 12X12"	No			217	SF	S0026B	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, GREY 12X12"	No			217	SF	S0026C	CHRYSOTILE	5%	Yes
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			25	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 31      Location Name: Cafeteria      Floor: B      Room #: 124      Square ft: 1000

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 9X9" PREVIOUSLY SAMPLED	No			1000	SF	V9000	CONFIRMED		Yes
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes	SURFACE		1000	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			1000	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			35	EA	V0012	CHRYBOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 32      Location Name: Kitchen      Floor: B      Room #: 124A      Square ft: 300

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES	No			300	SF	V0026	CHRYBOTILE	5%	Yes
CEILING	NOT FOUND		No			0			~		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	ALL	NOT INSULATED	No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

Project #: 12952L  
Location #: 33

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Corridor

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 2000

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			2000	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			40	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 34

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 116

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CARPET	No			0			~		No
FLOOR	ALL	VINYL SHEET FLOORING, BEIGE MOTTLED PATTERN	Yes			650	SF	S0027	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			500	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			12	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

Project #: 12952L  
Location #: 35

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 115

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CARPET	No			0			~		No
FLOOR	ALL	VINYL SHEET FLOORING, BEIGE MOTTLED PATTERN	Yes			550	SF	V0027	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 9X9", PREVIOUSLY SAMPLED	No			100	SF	V9000	CONFIRMED		Yes
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			500	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			2	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L  
Location #: 36

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 121A

Survey Date: 2016-05-02  
Square ft: 60

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES, RED 12X12"	No			20	SF	S0028A	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, RED 12X12"	No			20	SF	S0028B	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, RED 12X12"	No			20	SF	S0028C	CHRYSOTILE	5%	Yes
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			60	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NO ACCESS THROUGH CEILING		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			15	LF	V0006	NON-ASBESTOS		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 37

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Girl's Changeroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 113

Survey Date: 2016-05-02  
Square ft: 500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	FIBREGLASS	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 38

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Gym Storage

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 112

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	WOOD	No			0			~		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			4	EA	V0012	CHRYSOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 39      Location Name: Gym Entry And Washrooms      Floor: B      Room #:      Square ft: 250

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			250	SF	V0000	NON-ASBESTOS		No
WALL	ALL	WOOD	No			0			~		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			500	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			8	EA	V0012	CHRYSOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 40      Location Name: Gym Storage      Floor: B      Room #: 105      Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	WOOD	No			0			~		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			4	EA	V0012	CHRYSOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
 Location #: 41 Location Name: Boy's Changeroom Floor: B Room #: 104 Square ft: 500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	FIBREGLASS	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
 Location #: 42 Location Name: Boy's Washroom Floor: B Room #: 103 Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			11	EA	V9000	CONFIRMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
 Location #: 43 Location Name: Girl's Washroom Floor: B Room #: 102 Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CERAMIC TILES	No			0			~		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			11	EA	V9000	CONFIRMED		Yes



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MECHANICAL	NOT FOUND		No			0			>		No
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Project #: 12952L  
Location #: 44

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Storage Beneath Stage

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 001

Survey Date: 2016-05-02  
Square ft: 400

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	NOT FOUND		No			0			~		No
WALL	ALL	CONCRETE (PRECAST)	No			0			~		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	ALL	MASTIC, RED	No			100	LF	S0029	CHRYSTILE	3%	Yes
DUCT	ALL	TEXTILE, VIBRATION DAMPENER	No			2	EA	V9500	PRESUMED		Yes
PIPE	ALL	PARGING CEMENT INSULATION	Yes			6	EA	V0012	CHRYSTILE	15%	Yes
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			8	EA	V9000	CONFIRMED		Yes
MECHANICAL	ALL	NOT INSULATED	No			0			~		No

Project #: 12952L  
Location #: 45

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Gym

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 5000

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	WOOD	No			0			~		No
CEILING	ACOUSTIC TILE	LAY-IN CEILING TILES, INTERLOCKING FIBREBOARD	Yes			4000	SF	V0000	NON-ASBESTOS		No
WALL	ALL	CONCRETE (PRECAST)	No			0			~		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			100	SF	V9500	PRESUMED		Yes
OTHER	ALL	TEXTILE, CEMENT PLUGS FOR SCREWS	No			100	%	S0037	NON-ASBESTOS		No



ALL DATA REPORT

Project #: 12952L  
Location #: 46

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Corridor

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 2000

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 9X9", PREVIOUSLY SAMPLED	No			1500	SF	V9000	CONFIRMED		Yes
FLOOR	ALL	VINYL FLOOR TILES	No			200	SF	V0028	CHRYSOTILE	5%	Yes
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes	SURFACE		1800	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No	BASE		2000	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION, PREVIOUSLY SAMPLED	Yes			40	EA	V9500	PRESUMED		Yes
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 48

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 214

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			600	SF	V0005	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, TAN 12X12" W/ BLACK STREAKS	No			17	SF	S0030A	CHRYSOTILE	3%	Yes
FLOOR	ALL	VINYL FLOOR TILES, TAN 12X12" W/ BLACK STREAKS	No			17	SF	S0030B	CHRYSOTILE	3%	Yes
FLOOR	ALL	VINYL FLOOR TILES, TAN 12X12" W/ BLACK STREAKS	No			17	SF	S0030C	CHRYSOTILE	3%	Yes
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			400	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

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Project #: 12952L  
Location #: 49

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 213

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			650	SF	V0005	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes			400	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L  
Location #: 50

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 210

Survey Date: 2016-05-02  
Square ft: 60

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 9X9", PREVIOUSLY SAMPLED	No			60	SF	V9000	CONFIRMED		Yes
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			60	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NO ACCESS THROUGH CEILING		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			15	LF	V0006	NON-ASBESTOS		No



ALL DATA REPORT

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 51      Location Name: Storage      Floor: 1      Room #:      Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			200	SF	V0005	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	WOOD	No			0			~		No
STRUCTURE	ALL	CONCRETE (PRECAST)	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			30	LF	V0004	NON-ASBESTOS		No

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
 Location #: 52      Location Name: Corridor      Floor: 1      Room #:      Square ft: 800

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 9X9", PREVIOUSLY SAMPLED	No			650	SF	V9000	CONFIRMED		Yes
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 12X12"	No			50	SF	S0031A	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 12X12"	No			50	SF	S0031B	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES, MUSTARD YELLOW 12X12"	No			50	SF	S0031C	CHRYSOTILE	5%	Yes
FLOOR	ALL	VINYL FLOOR TILES	No			10	SF	V0002	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes	SURFACE		800	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No	BASE		2000	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

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Project #: 12952L  
Location #: 53

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 204

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			9	EA	V0012	CHRYSTOLE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L  
Location #: 54

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 203

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			9	EA	V0012	CHRYSTOLE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



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Project #: 12952L  
Location #: 55

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: General Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 202

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, PEEL AND STICK	Yes			650	SF	V0000	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	DRYWALL NO COMPOUND	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			100	LF	V0004	NON-ASBESTOS		No

Project #: 12952L  
Location #: 56

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 201

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			9	EA	V0012	CHRYBOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L  
Location #: 57

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 206

Survey Date: 2016-05-02  
Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			9	EA	V0012	CHRYSTOLE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes
OTHER	ALL	MASTIC, BLACK MASTIC ON CONCEALED TERRA COTTA	No			100	%	S0036A	NON-ASBESTOS		No

Project #: 12952L  
Location #: 58

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 200A

Survey Date: 2016-05-02  
Square ft: 60

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL FLOOR TILES	No			30	SF	V0002	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES	No			30	SF	V0009	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			60	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			300	SF	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	NO ACCESS THROUGH CEILING		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NO ACCESS THROUGH CEILING		No			0			~		No
OTHER	ALL	VINYL SHEET FLOORING	Yes			15	LF	V0006	NON-ASBESTOS		No



ALL DATA REPORT

1-877-322-4744  
www.pinchinwest.com

Project #: 12952L  
Location #: 59

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Nurse Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 209

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, BROWN	Yes			20	SF	V0003	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING	Yes			100	SF	V0005	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING, BEIGE MOSAIC	Yes			100	SF	S0032	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No

Project #: 12952L  
Location #: 60

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 207

Survey Date: 2016-05-02  
Square ft: 200

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, BROWN	Yes			20	SF	V0003	NON-ASBESTOS		No
FLOOR	ALL	VINYL SHEET FLOORING	Yes			100	SF	V0005	NON-ASBESTOS		No
FLOOR	ALL	CONCRETE (PRECAST)	No			0			~		No
CEILING	ACOUSTIC TILE	LAY-IN CEILING TILES, 2001	Yes			100	%	V0000	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			200	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			600	SF	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 61 Location Name: Classroom Floor: 1 Room #: 205 Square ft: 650

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING, RED WAVE PATTERN	Yes			600	SF	V0001	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES, BLACK W/ WHITE FLECKS	No			50	SF	V0002	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No			650	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	PARGING CEMENT INSULATION	Yes			9	EA	V0012	CHRYOSOTILE	15%	Yes
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	TRANSITE (ASBESTOS CEMENT), CHALKBOARD	No			300	SF	V9500	PRESUMED		Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 62 Location Name: Corridor Floor: 1 Room #: Square ft: 1500

ASBESTOS											
System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	VINYL SHEET FLOORING	Yes			1400	SF	V0007	NON-ASBESTOS		No
FLOOR	ALL	VINYL FLOOR TILES	No			100	SF	V0002	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	GLUED-ON CEILING TILES	Yes	SURFACE		1500	SF	V0004	NON-ASBESTOS		No
CEILING	ALL	PLASTER, PREVIOUSLY SAMPLED	No	BASE		1500	SF	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	MASONRY	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	NO ACCESS THROUGH CEILING		No			0			~		No
DUCT	NOT FOUND		No			0			~		No
PIPE	ALL	NOT INSULATED	No			0			~		No
MECHANICAL	NOT FOUND		No			0			~		No



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L  
Location #: 63

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Library

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 208

Survey Date: 2016-05-02  
Square ft: 1000

ASBESTOS

System	Component	Material	Friable	Item	Covering	Quantity	Unit	Sample	Asbestos Type	Amount	Asbestos
FLOOR	ALL	CARPET	No	SURFACE		0			~		No
FLOOR	ALL	VINYL SHEET FLOORING, BASE LAYER	Yes			1000	SF	S0035	NON-ASBESTOS		No
CEILING	ACOUSTIC TILE	FIBREGLASS	No			100	%	V0000	NON-ASBESTOS		No
WALL	ALL	PLASTER, PREVIOUSLY SAMPLED	No			100	%	V0000	NON-ASBESTOS		No
STRUCTURE	ALL	WOOD	No			0			~		No
DUCT	ALL	MASTIC	No			40	LF	V0011	CHRYSTOLE	10%	Yes
PIPE	ALL	CANVAS, LIBRARY PIPE STRAIGHTS	No			50	LF	S0033A	NON-ASBESTOS		No
PIPE	ALL	CANVAS, LIBRARY PIPE STRAIGHTS	No			50	LF	S0033B	NON-ASBESTOS		No
MECHANICAL	NOT FOUND		No			0			~		No
OTHER	ALL	MASTIC, MASTIC PUCKS ON STRUCTURE	No			300	SF	S0034	NON-ASBESTOS		No



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 1 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 307

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	L0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	L0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	L0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	L0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	L0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	L0005	Red Wood Door		1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 2 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 308

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 3 Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 315

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes
WALL	PLASTER	600		SF	V0001			0.46%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes
OTHER	WOOD	30		SF	V0005			1.1%	Yes
OTHER	METAL	10		LF	V0006			0.050%	Yes
OTHER	WOOD	100		SF	V0003			0.17%	Yes



ALL DATA REPORT

Project #: 12952L  
Location #: 4

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 309

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 5

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 310

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 6

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 311

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 7 Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 313

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	200		SF	V0002			0.029%	Yes	
WALL	PLASTER	600		SF	V0001			0.46%	Yes	
OTHER	WOOD	100		SF	V0003			0.17%	Yes	
OTHER	WOOD	100		SF	V0004			0.34%	Yes	
OTHER	WOOD	30		SF	V0005			1.1%	Yes	
OTHER	METAL	10		LF	V0006			0.050%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 8 Location Name: Staff Room

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 314

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes	
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes	
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes	
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes	
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes	
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 9 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 302

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes	
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes	
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes	
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes	
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes	
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes	



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 10 Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 303

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	200		SF	V0002			0.029%	Yes	
WALL	PLASTER	600		SF	V0001			0.46%	Yes	
OTHER	WOOD	100		SF	V0003			0.17%	Yes	
OTHER	WOOD	100		SF	V0004			0.34%	Yes	
OTHER	WOOD	30		SF	V0005			1.1%	Yes	
OTHER	METAL	10		LF	V0006			0.050%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 11 Location Name: Office And Vestibule

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 304/305

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	200		SF	V0002			0.029%	Yes	
WALL	PLASTER	600		SF	V0001			0.46%	Yes	
OTHER	WOOD	100		SF	V0003			0.17%	Yes	
OTHER	WOOD	100		SF	V0004			0.34%	Yes	
OTHER	WOOD	30		SF	V0005			1.1%	Yes	
OTHER	METAL	10		LF	V0006			0.050%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 12 Location Name: Staff Washroom

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 306

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	600		SF	V0002			0.029%	Yes	
OTHER	WOOD	100		SF	V0004			0.34%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 13 Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 2

Surveyor: Gordon Watkins  
Room #: 301B

Survey Date: 2016-05-02  
Square ft: 100

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	200		SF	V0001			0.46%	Yes	
WALL	PLASTER	100		SF	L0007	Teal Plaster		0.79%	Yes	



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 14 Location Name: Classroom Floor: 2 Room #: 312 Square ft: 650

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes	
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes	
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes	
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes	
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes	
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 15 Location Name: Janitorial Floor: 2 Room #: 301A Square ft: 100

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	300		SF	V0001			0.46%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 16 Location Name: Corridor Floor: 2 Room #: Square ft: 1500

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	3000		SF	V0002			0.029%	Yes	
PIPE	METAL	100		LF	V0006			0.050%	Yes	
OTHER	WOOD	200		SF	V0004			0.34%	Yes	
OTHER	WOOD	500		SF	V0003			0.17%	Yes	
OTHER	WOOD	300		SF	V0005			1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 19 Location Name: Attic Floor: 3 Room #: Square ft: 5000

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
STRUCTURE	WOOD	1000		SF	L0008	White		0.012%	Yes	



ALL DATA REPORT

Project #: 12952L    Site: 8370 Cartier Street, Vancouver, BC    Building Name: David Lloyd George Elementary    Surveyor: Gordon Watkins    Survey Date: 2016-05-02  
 Location #: 20    Location Name: Exterior And Roof    Floor:    Room #:    Square ft:

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	MASONRY	15000		SF	L0009	Brick Mortar		<0.005%	No
WALL	CONCRETE (PRECAST)	3000		SF	L0011	White Concrete		0.67%	Yes
WALL	CONCRETE (PRECAST)	3000		SF	L0012	Grey Concrete		0.11%	Yes
OTHER	METAL	1000		SF	L0010	Red Flashing		0.013%	Yes
OTHER	METAL	1000		SF	L0013	Black Rails		0.53%	Yes

Project #: 12952L    Site: 8370 Cartier Street, Vancouver, BC    Building Name: David Lloyd George Elementary    Surveyor: Gordon Watkins    Survey Date: 2016-05-02  
 Location #: 21    Location Name: Classroom    Floor: B    Room #: 119    Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L    Site: 8370 Cartier Street, Vancouver, BC    Building Name: David Lloyd George Elementary    Surveyor: Gordon Watkins    Survey Date: 2016-05-02  
 Location #: 22    Location Name: Janitorial    Floor: B    Room #: 127    Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
FLOOR	CONCRETE (PRECAST)	200		SF	L0015	Grey Concrete		<0.008%	No
WALL	PLASTER	300		SF	L0014	Blue Plaster		0.037%	Yes

Project #: 12952L    Site: 8370 Cartier Street, Vancouver, BC    Building Name: David Lloyd George Elementary    Surveyor: Gordon Watkins    Survey Date: 2016-05-02  
 Location #: 23    Location Name: Office    Floor: B    Room #: 128    Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
FLOOR	CONCRETE (PRECAST)	200		SF	V0015	Grey Concrete		<0.008%	No
WALL	PLASTER	300		SF	V0001			0.46%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 24 Location Name: Boy's Washroom Floor: B Room #: 129 Square ft: 250

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 25 Location Name: Boiler Room Floor: B Room #: 130 Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
FLOOR	CONCRETE (PRECAST)	650		SF	V0015			<0.008%	No
WALL	CONCRETE (PRECAST)	800		SF	L0016	Mint Green Concrete		0.44%	Yes
WALL	CONCRETE (PRECAST)	600		SF	L0017	Teal Concrete		0.28%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 26 Location Name: Girl's Washroom Floor: B Room #: 131 Square ft: 250

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 27 Location Name: Classroom Floor: B Room #: 118 Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1000		SF	V0002			0.029%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L  
Location #: 28

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 117

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 29

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 126

Survey Date: 2016-05-02  
Square ft: 100

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
FLOOR	CONCRETE (PRECAST)	100		SF	V0015			<0.008%	No
WALL	PLASTER	300		SF	V0001			0.46%	Yes

Project #: 12952L  
Location #: 30

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 120

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 31 Location Name: Cafeteria

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 124

Survey Date: 2016-05-02  
Square ft: 1000

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes	
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes	
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes	
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes	
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes	
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 32 Location Name: Kitchen

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 124A

Survey Date: 2016-05-02  
Square ft: 300

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	600		SF	V0007			0.79%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 33 Location Name: Corridor

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 2000

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	3000		SF	V0002			0.029%	Yes	
PIPE	METAL	100		LF	V0006			0.050%	Yes	
OTHER	WOOD	200		SF	V0004			0.34%	Yes	
OTHER	WOOD	500		SF	V0003			0.17%	Yes	
OTHER	WOOD	300		SF	V0005			1.1%	Yes	



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 34 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 116

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 35 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 115

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 36 Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 121A

Survey Date: 2016-05-02  
Square ft: 60

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	200		SF	V0001			0.46%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 37 Location Name: Girl's Changeroom

Building Name: David Lloyd George Elementary  
Floor: B

Surveyor: Gordon Watkins  
Room #: 113

Survey Date: 2016-05-02  
Square ft: 500

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes
OTHER	WOOD	150		SF	V0005			1.1%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 38 Location Name: Gym Storage Floor: B Room #: 112 Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 39 Location Name: Gym Entry And Washrooms Floor: B Room #: Square ft: 250

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 40 Location Name: Gym Storage Floor: B Room #: 105 Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 41 Location Name: Boy's Changeroom Floor: B Room #: 104 Square ft: 500

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes
OTHER	WOOD	150		SF	V0005			1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 42 Location Name: Boy's Washroom Floor: B Room #: 103 Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 43 Location Name: Girl's Washroom Floor: B Room #: 102 Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	600		SF	V0002			0.029%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 44 Location Name: Storage Beneath Stage Floor: B Room #: 001 Square ft: 400

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	CONCRETE (PRECAST)	800		LF	V0001			0.46%	Yes
STRUCTURE	WOOD	400		SF	V0008	White Wood		0.012%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 45 Location Name: Gym Floor: B Room #: Square ft: 5000

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	CONCRETE (PRECAST)	4000		SF	L0018	White Concrete		0.13%	Yes
STRUCTURE	WOOD	1000		SF	V0008			0.012%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 46 Location Name: Corridor Floor: B Room #: Square ft: 2000

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	3000		SF	V0002			0.029%	Yes
PIPE	METAL	100		LF	V0006			0.050%	Yes
OTHER	WOOD	200		SF	V0004			0.34%	Yes
OTHER	WOOD	500		SF	V0003			0.17%	Yes
OTHER	WOOD	300		SF	V0005			1.1%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L  
Location #: 48

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 214

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 49

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 213

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	1800		SF	V0002	White Plaster		0.029%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 50

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 210

Survey Date: 2016-05-02  
Square ft: 60

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	200		SF	V0001			0.46%	Yes

Project #: 12952L  
Location #: 51

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Storage

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 52 Location Name: Corridor

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 800

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	3000		SF	V0002			0.029%	Yes
PIPE	METAL	100		LF	V0006			0.050%	Yes
OTHER	WOOD	200		SF	V0004			0.34%	Yes
OTHER	WOOD	500		SF	V0003			0.17%	Yes
OTHER	WOOD	300		SF	V0005			1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 53 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 204

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 54 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 203

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes



ALL DATA REPORT

Project #: 12952L  
Location #: 55

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: General Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 202

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 56

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 201

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes

Project #: 12952L  
Location #: 57

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 206

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 58 Location Name: Janitorial

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 200A

Survey Date: 2016-05-02  
Square ft: 60

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
WALL	PLASTER	200		SF	V0001			0.46%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 59 Location Name: Nurse Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 209

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes
WALL	PLASTER	600		SF	V0001			0.46%	Yes
OTHER	WOOD	100		SF	V0003			0.17%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes
OTHER	WOOD	30		SF	V0005			1.1%	Yes
OTHER	METAL	10		LF	V0006			0.050%	Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 60 Location Name: Office

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 207

Survey Date: 2016-05-02  
Square ft: 200

LEAD PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead
CEILING	PLASTER	200		SF	V0002			0.029%	Yes
WALL	PLASTER	600		SF	V0001			0.46%	Yes
OTHER	WOOD	100		SF	V0003			0.17%	Yes
OTHER	WOOD	100		SF	V0004			0.34%	Yes
OTHER	WOOD	30		SF	V0005			1.1%	Yes
OTHER	METAL	10		LF	V0006			0.050%	Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 61 Location Name: Classroom

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 205

Survey Date: 2016-05-02  
Square ft: 650

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
CEILING	PLASTER	650		SF	V0002	White Plaster		0.029%	Yes	
WALL	PLASTER	1200		SF	V0001	Offwhite Plaster		0.46%	Yes	
PIPE	METAL	100		LF	V0006	White Metal Pipe		0.050%	Yes	
OTHER	WOOD	150		SF	V0003	White Wood Trim		0.17%	Yes	
OTHER	WOOD	200		SF	V0004	Black Wood Baseboard		0.34%	Yes	
OTHER	WOOD	30		SF	V0005	Red Wood Door		1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 62 Location Name: Corridor

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft: 1500

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	3000		SF	V0002			0.029%	Yes	
PIPE	METAL	100		LF	V0006			0.050%	Yes	
OTHER	WOOD	200		SF	V0004			0.34%	Yes	
OTHER	WOOD	500		SF	V0003			0.17%	Yes	
OTHER	WOOD	300		SF	V0005			1.1%	Yes	

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC  
Location #: 63 Location Name: Library

Building Name: David Lloyd George Elementary  
Floor: 1

Surveyor: Gordon Watkins  
Room #: 208

Survey Date: 2016-05-02  
Square ft: 1000

LEAD PAINT										
System	Item	Good	Poor	Unit	Sample	Sample Description	Result Description	Amount	Lead	
WALL	PLASTER	2500		SF	V0002			0.029%	Yes	



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Project #: 12952L  
Location #: 20

Site: 8370 Cartier Street, Vancouver, BC  
Location Name: Exterior And Roof

Building Name: David Lloyd George Elementary  
Floor:

Surveyor: Gordon Watkins  
Room #:

Survey Date: 2016-05-02  
Square ft:

Pb Products		
Component	Quantity	Unit
LEAD PIPES	30	EA



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 1      Location Name: Classroom      Floor: 2      Room #: 307      Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 2      Location Name: Classroom      Floor: 2      Room #: 308      Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 3      Location Name: Office      Floor: 2      Room #: 315      Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 4      Location Name: Classroom      Floor: 2      Room #: 309      Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 5      Location Name: Classroom      Floor: 2      Room #: 310      Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 6 Location Name: Classroom Floor: 2 Room #: 311 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 7 Location Name: Office Floor: 2 Room #: 313 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 8 Location Name: Staff Room Floor: 2 Room #: 314 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	16	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 9 Location Name: Classroom Floor: 2 Room #: 302 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 10 Location Name: Office Floor: 2 Room #: 303 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 11 Location Name: Office And Vestibule Floor: 2 Room #: 304/305 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 12 Location Name: Staff Washroom Floor: 2 Room #: 306 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	2	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 14 Location Name: Classroom Floor: 2 Room #: 312 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 16 Location Name: Corridor Floor: 2 Room #: Square ft: 1500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	12	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 17 Location Name: Stairwell North Floor: Room #: 399 Square ft: 500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	6	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 18 Location Name: Stairwell South Floor: Mercury Room #: 398 Square ft: 500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	6	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 21 Location Name: Classroom Floor: B Mercury Room #: 119 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 22 Location Name: Janitorial Floor: B Mercury Room #: 127 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	4	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 23 Location Name: Office Floor: B Mercury Room #: 128 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	4	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 24 Location Name: Boy's Washroom Floor: B Mercury Room #: 129 Square ft: 250

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	2	EA



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1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 25 Location Name: Boiler Room Floor: B Room #: 130 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	10	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 26 Location Name: Girl's Washroom Floor: B Room #: 131 Square ft: 250

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	2	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 27 Location Name: Classroom Floor: B Room #: 118 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	12	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 28 Location Name: Classroom Floor: B Room #: 117 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 30 Location Name: Classroom Floor: B Room #: 120 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 31 Location Name: Cafeteria Floor: B Room #: 124 Square ft: 1000

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	80	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 32 Location Name: Kitchen Floor: B Room #: 124A Square ft: 300

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	8	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 33 Location Name: Corridor Floor: B Room #: Square ft: 2000

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	24	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 34 Location Name: Classroom Floor: B Room #: 116 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 35 Location Name: Classroom Floor: B Room #: 115 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 37 Location Name: Girl's Changeroom Floor: B Room #: 113 Square ft: 500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	10	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 38 Location Name: Gym Storage Floor: B Room #: 112 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	4	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 39 Location Name: Gym Entry And Washrooms Floor: B Room #: Square ft: 250

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	8	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 40 Location Name: Gym Storage Floor: B Room #: 105 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	4	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 41 Location Name: Boy's Changeroom Floor: B Room #: 104 Square ft: 500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	10	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 42 Location Name: Boy's Washroom Floor: B Room #: 103 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	2	EA



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 43 Location Name: Girl's Washroom Floor: B Room #: 102 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	2	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 45 Location Name: Gym Floor: B Room #: Square ft: 5000

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	16	EA

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 46 Location Name: Corridor Floor: B Room #: Square ft: 2000

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	24	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 48 Location Name: Classroom Floor: 1 Room #: 214 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 49 Location Name: Classroom Floor: 1 Room #: 213 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	36	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 52 Location Name: Corridor Floor: 1 Room #: Square ft: 800

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	24	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 53 Location Name: Classroom Floor: 1 Room #: 204 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 54 Location Name: Classroom Floor: 1 Room #: 203 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 55 Location Name: General Office Floor: 1 Room #: 202 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	80	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 56 Location Name: Classroom Floor: 1 Room #: 201 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 57 Location Name: Classroom Floor: 1 Room #: 206 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 59 Location Name: Nurse Office Floor: 1 Room #: 209 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 60 Location Name: Office Floor: 1 Room #: 207 Square ft: 200

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	8	EA

1 - T12

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 61 Location Name: Classroom Floor: 1 Room #: 205 Square ft: 650

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	22	EA

1 - T12



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 62      Location Name: Corridor      Floor: 1      Room #:      Square ft: 1500

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE <sup>1</sup>	12	EA

1 - T12

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 63      Location Name: Library      Floor: 1      Room #: 208      Square ft: 1000

MERCURY		
Component	Quantity	Unit
FLUORESCENT LIGHT TUBE	160	EA



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 1 Location Name: Classroom Floor: 2 Room #: 307 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 2 Location Name: Classroom Floor: 2 Room #: 308 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 3 Location Name: Office Floor: 2 Room #: 315 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 4 Location Name: Classroom Floor: 2 Room #: 309 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 5 Location Name: Classroom Floor: 2 Room #: 310 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 6 Location Name: Classroom Floor: 2 Room #: 311 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 7 Location Name: Office Floor: 2 Room #: 313 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 8 Location Name: Staff Room Floor: 2 Room #: 314 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	8	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 9 Location Name: Classroom Floor: 2 Room #: 302 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 10 Location Name: Office Floor: 2 Room #: 303 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 11 Location Name: Office And Vestibule Floor: 2 Room #: 304/305 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes



ALL DATA REPORT

1-877-322-4744  
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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 12 Location Name: Staff Washroom Floor: 2 Room #: 306 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	1	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 14 Location Name: Classroom Floor: 2 Room #: 312 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 16 Location Name: Corridor Floor: 2 Room #: Square ft: 1500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	6	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 17 Location Name: Stairwell North Floor: Room #: 399 Square ft: 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	3	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 18 Location Name: Stairwell South Floor: Room #: 398 Square ft: 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	3	EA				Yes



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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 20 Location Name: Exterior And Roof Floor: Survey Room #: Square ft:

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
CAULKING	2000	LF	P0001	Flashing Caulk	<0.5mg/kg	No

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 21 Location Name: Classroom Floor: B Survey Room #: 119 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 22 Location Name: Janitorial Floor: B Survey Room #: 127 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	2	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 23 Location Name: Office Floor: B Survey Room #: 128 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	2	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 24 Location Name: Boy's Washroom Floor: B Survey Room #: 129 Square ft: 250

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	1	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 25 Location Name: Boiler Room Floor: B Survey Room #: 130 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 26 Location Name: Girl's Washroom Floor: B Room #: 131 Square ft: 250

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	1	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 28 Location Name: Classroom Floor: B Room #: 117 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 30 Location Name: Classroom Floor: B Room #: 120 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 31 Location Name: Cafeteria Floor: B Room #: 124 Square ft: 1000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	40	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 32 Location Name: Kitchen Floor: B Room #: 124A Square ft: 300

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 33 Location Name: Corridor Floor: B Room #: Square ft: 2000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	12	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 34 Location Name: Classroom Floor: B Room #: 116 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 35 Location Name: Classroom Floor: B Room #: 115 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 37 Location Name: Girl's Changeroom Floor: B Room #: 113 Square ft: 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	5	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 38 Location Name: Gym Storage Floor: B Room #: 112 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	2	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 39 Location Name: Gym Entry And Washrooms Floor: B Room #: Square ft: 250

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 40 Location Name: Gym Storage Floor: B Room #: 105 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	2	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 41 Location Name: Boy's Changeroom Floor: B Room #: 104 Square ft: 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	5	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 42 Location Name: Boy's Washroom Floor: B Room #: 103 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	1	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 43 Location Name: Girl's Washroom Floor: B Room #: 102 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	1	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 45 Location Name: Gym Floor: B Room #: Square ft: 5000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	8	EA				Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 46 Location Name: Corridor Floor: B Room #: Square ft: 2000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	12	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 48 Location Name: Classroom Floor: 1 Room #: 214 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 49 Location Name: Classroom Floor: 1 Room #: 213 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	18	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 52 Location Name: Corridor Floor: 1 Room #: Square ft: 800

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	12	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 53 Location Name: Classroom Floor: 1 Room #: 204 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 54 Location Name: Classroom Floor: 1 Room #: 203 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes



ALL DATA REPORT

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Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 55 Location Name: General Office Floor: 1 Room #: 202 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	20	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 56 Location Name: Classroom Floor: 1 Room #: 201 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 57 Location Name: Classroom Floor: 1 Room #: 206 Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 59 Location Name: Nurse Office Floor: 1 Room #: 209 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes

Project #: 12952L Site: 8370 Cartier Street, Vancouver, BC Building Name: David Lloyd George Elementary Surveyor: Gordon Watkins Survey Date: 2016-05-02  
Location #: 60 Location Name: Office Floor: 1 Room #: 207 Square ft: 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	4	EA				Yes



ALL DATA REPORT

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Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 61      Location Name: Classroom      Floor: 1      Room #: 205      Square ft: 650

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	11	EA				Yes

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 62      Location Name: Corridor      Floor: 1      Room #:      Square ft: 1500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	6	EA				Yes

Project #: 12952L      Site: 8370 Cartier Street, Vancouver, BC      Building Name: David Lloyd George Elementary      Surveyor: Gordon Watkins      Survey Date: 2016-05-02  
Location #: 63      Location Name: Library      Floor: 1      Room #: 208      Square ft: 1000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
LIGHT BALLASTS	50	EA				Yes



ALL DATA REPORT

**Legend:**

Sample number		Units		Other	
S####	Sample collected.	SF	Square feet	SVM	Suspect Visible Mould
V####	Material is visually identified to be identical to S####	LF	Linear feet		
V0000	Known non asbestos material.	EA	Each		
V9000	Material is visually identified to contain asbestos.	%	Percentage		
V9500	Material is presumed to contain asbestos.				

**APPENDIX VII**  
**Photographs**



Asbestos-containing vinyl floor tiles.



Asbestos-containing vinyl floor tiles.



Asbestos-containing vinyl floor tiles with asbestos-containing mastic.



Vinyl floor tiles previously determined to be asbestos-containing.



Asbestos-containing red duct mastic.

12952Lr01\_Photolog

Template: Master Photo Appendix, HazMat, February 10, 2016



# Qualified Professional Declaration for Salvage and Abatement of Buildings

The Chief Building Official  
City of Vancouver  
453 West 12<sup>th</sup> Avenue  
V5Y 1V4

August 11, 2025

\_\_\_\_\_  
Date (Month Day Year)

Dear Sir:

RE: Property Address 8370 Cartier Street, Vancouver

Building Permit Application No. \_\_\_\_\_  
Staff use only

In consideration of the City accepting and processing the above application for a building permit, and as required by the Vancouver Building By-law No. 10908, the following representations, warranties and indemnities are given to the City by the Qualified Professional.

I, David Kwan of Alliance EHS Consulting Inc.,  
(Print Full Name of Qualified Professional) (Print Company Name of Qualified Professional)

**Agree as follows:**

I have read and understand my obligations as a Qualified Professional as described in City of Vancouver Bulletin 2015-008-EV and will comply with Part 8 of the Vancouver Building By-law No. 10908 and all requirements related to salvage and abatement as required by WorkSafeBC. I certify I am a Qualified Professional as defined in City of Vancouver Bulletin 2015-008-EV.

**I hereby undertake to:**

Ensure a survey for Hazardous Materials (as defined in City of Vancouver Bulletin 2015-008-EV) is conducted and confirm the Hazardous Materials Inspection Report meets the applicable WorkSafeBC standards;

Ensure a notice of project (NOP) has been provided to WorkSafeBC in writing or by fax, at least 24 hours before starting a construction project (salvage and abatement) as required by section 20.2 of the Occupational Health and Safety Regulation, as amended from time to time;

Ensure all Hazardous Materials identified in the Hazardous Materials Inspection Report and any Hazardous Materials uncovered during work have been removed from site and properly disposed of, once the salvage and abatement permit has been issued, by qualified contractors as outlined by WorkSafeBC, who are licensed to work in the City of Vancouver; and

Complete the Hazardous Materials Report Form and provide, and make available upon request, documentation confirming that all identified Hazardous Materials have been removed, and disposed of according to all applicable rules and regulations to Environmental Protection upon completion of work.

**Qualified Professional Declaration for Salvage and Abatement of Buildings (continued)**

Permit # \_\_\_\_\_  
Staff use only

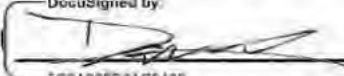
**I agree to:**

Indemnify and save harmless the City of Vancouver, including its elected and appointed officials, officers, employees, agents, nominees, delegates, permittees and contractors from all claims, liability, judgments, costs and expenses of every kind which may result from the failure of the Qualified Professional to comply fully with all by-laws, statutes and regulations relating to any work or undertaking in respect of which this application is made, or from failure to comply with the undertakings given in this Qualified Professional Declaration.

This Qualified Professional Declaration for Salvage and Abatement is executed by the Qualified Professional this 11th day of August, 2025  
(Day) (Month) (Year) Signed by:

Qualified Professional's Company Name Alliance EHS Consulting Inc.

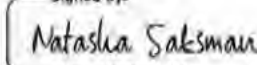
Qualified Professional Signature and Seal

DocuSigned by:  
  
5C8A980B0AC9A82

Name of Qualified Professional David Kwan  
(PRINT)



Owner or Owner's Representative Signature

Signed by:  
  
300602000004150

Owner or Owner's Representative Name Natasha Saksman  
(PRINT)

**Note:** Upon issuance of the salvage and abatement permit this declaration becomes part of the specifications and conditions of the salvage and abatement permit. Failure to comply with the provisions of this declaration may result in a Stop Work Order, additional fees, a request for charges under the applicable by-laws, or a review of your business licence.

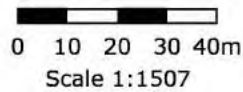

**Note:** A separate Contractor Declaration For Demolition or Deconstruction Form is required.

**Print Form**



www.roadmanager.com

<b>Plan #:</b> 1	<b>Location:</b> 8370 Cartier st Vancouver	<b>Title:</b> Clearview 8370 Cartier
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<b>Notes:</b> TMP written in accordance with TMM MOTI fig 7.5 Vehicles will access site via lane east of address from 67 ave		<b>On-Site Contact:</b>		 
		<b>Site Induction:</b>	<b>Date Drawn:</b> 2025-08-14T00:00:00	
		<b>License #:</b> SN1087313	<b>Drawn By:</b> Cameron Hull 604-991-6344	
<b>Posted Speed:</b>	<b>Reduced Speed:</b>	<b>Revision:</b>	<b>Signature:</b>	<b>Date and Time of Project:</b>