Foothills Environmental, Inc.

Industrial Hygiene, Safety & Environmental Services

Mr. Scott Nelson
Branch Manager
Colorado Hazard Control, LLC.
77 Magneto Drive, Suite A
Pueblo, Colorado 81007

January 31, 2017

Subject: Clearance Air Monitoring
TRW Building
3650 N. Nevada Avenue
Colorado Springs, Colorado

Dear Mr. Nelson:

Foothills Environmental, Inc. (FEI) provided project air monitoring services on January 27, 2017 for Colorado Hazard Control, LLC. (CHC) at the above referenced property following removal of asbestos-containing materials; specifically a brown mastic on floors. CHC of Pueblo West, Colorado completed removal. CHC is a licensed general abatement contractor through the Colorado Department of Public Health and Environment.

FEI's services included a final visual inspection and clearance air monitoring. Air monitoring services included the collection and analysis of final clearance air samples. Upon completion of a final visual inspection following abatement of asbestos-containing materials, FEI collected final clearance air samples and released the work area when laboratory results indicated airborne fiber concentrations were less than concentrations required by Colorado Regulation No. 8 of (0.01 fibers per cubic centimeter for Phased Contrast Microscopy).

At project completion, air monitoring results indicated that concentrations of airborne fibers were less than the concentration recommended by CDPHE for re-occupancy of an abated space.

Phase Contrast Microscopy (PCM) air samples were collected on Zefon International, Inc. 25-millimeter mixed-cellulose ester membrane filters (0.8 micron pore size). The filters were preassembled by the manufacturer in conductive, three-stage cassettes with extension cowls. Air samples were collected at flow rates between 0.5 and 16.0 liters per minute. Rates were recorded at the beginning and at the end of the sampling period using a DryCal® primary flow calibrator.

All samples were collected open-faced and positioned at breathing zone height (approximated 4-5 feet above the floor) with the exposed portion of the cassette facing downward. An Asbestos Air Sampling Form was completed. This form is designed to be the primary working document, containing the most information about the air sampling activity. A copy of this form is attached.

Analysis of air monitoring samples for PCM was performed in accordance with the NIOSH 7400 Method. The method may be found in the NIOSH Manual of Analytical Methods. FEI participates in the American Industrial Hygiene Association (AIHA) Proficiency Analytical Testing Program (PAT) for asbestos fibers.

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Asbestos Abatement

ASBESTOS FINAL VISUAL INSPECTION FORM

Facility	3450 N NEVADA	Contractor/Supervisor:	CHC / JASON
Phase:	1	Inspection Date/Time:	1/27/17
Containment	SE, 3 ROOMS	Inspected By (L.F. Rep):	PERRY

Containment Type ☐ Full ☑ Secondary ☐ Other

Description of Area: 3 ROOMS IN SE CORNER

Abatement Methods ☐ Gross removal ☑ Non-friable ☐ Component ☐ Glovebag ☐ Other

Scope of Work/Materials Removed: BROWN MASTIC ON FLOOR

Number of Inspection (Prior to passing) 1___ 2___ 3 ✓ 4___ 5___

Description of containment during Inspection

Residual dust on:	Yes	No	N/A	Corrective Measure Taken?
Floors	✓			EDGES, CLOSET + CENTER OF SW ROOM
Walls		✓		
Ceilings		✓		
Pipes		✓		
Light Fixtures		✓		
NAM's		✓		
Ducts		✓		
Other Horizontal Surfaces		✓		
Is all equipment removed from area?	✓			
Is encapsulation complete and dry?			✓	
Are all drums and containers removed labeled and stored?	✓			
All barriers, except criticals, removed	✓			
Are prior daily air monitoring results at or below 0.01f/cc?				

Type of clearance:

Visual only ☐

PCM ☑

TEM ☐

Pass ☑ Fail ☐

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660 Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Client: _____ Project Location: 3650 N Nevada Ave, Room 235

Project Number: _____ Sampled By PERRY Date: 1/27/17

Prefix Number TRW-X Calibration Method/SN DryCal / 2331 Cassette Type/Lot #: PCM1 37693

Sample / Pump Number	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers / field	LOQ	f/cc	Comments
-B1	BLANK	-	-	-	-	-	-	-	2/100	-	-	
-B2	BLANK	-	-	-	-	-	-	-	2/100	-	-	
F3 / 15167	NE ROOM, CENTER	1008	1218	130	10.08	10.02	10.05	1307	20/100	0.004	0.007	
F4 / 22903	SE ROOM, E CENTRAL	1007	1217	130	9.90	10.06	9.98	1297	21.5/100	0.004	0.007	
F5 / 22975	SE ROOM W CENTRAL	1006	1216	130	9.93	9.87	9.90	1287	17.5/100	0.004	0.006	
F6 / 22902	SW ROOM CLOSET	1005	1215	130	9.97	9.91	9.94	1292	23/100	0.004	0.008	
F7 / 22904	SW ROOM CENTER	1004	1214	130	9.95	9.97	9.96	1295	21.5/100	0.004	0.007	

Name: _____ Analyst Signature: _____ Date: _____

Blind Recount Sample # _____ fibers/field _____ Data entered