

Badlands Environmental Consultants, Inc.

Mark E. Emter
President

James D. McGurren
Chief Executive Officer

April 22, 2016

Mr. Andrew Deason
City Of Selfridge
PO Box 12
Selfridge, ND 58568

RE: P16-0215 ASBESTOS BULK SAMPLE COLLECTION & ANALYSIS REPORT
VACANT COMMERCIAL PROPERTY
1ST STREET
SELFRIDGE, ND 58568

Dear Mr. Deason:

Attached please find the results of the fifteen (15) bulk samples of suspect asbestos-containing building materials, collected by a Badlands Environmental Consultants, Inc. (BEC) representative on April 15, 2016, from throughout the interior and exterior of the Commercial Property located on 1st Street in Selfridge, ND (Site). It is our understanding the Site building is scheduled for demolition.

The field representative for BEC was Environmental Specialist, Kayla Hardy, who is accredited by the Environmental Protection Agency (EPA) and is certified by the North Dakota Department of Health as an Asbestos Building Inspector.

ASBESTOS BULK SAMPLE COLLECTION & ANALYTICAL PROCEDURES

The samples of suspect ACM were collected in accordance the EPA Guidance Document, Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials (EPA 560/5.85-030a, October 1985).

The bulk sample collected was analyzed utilizing the Environmental Protection Agency's Method for the Determination of Asbestos in Bulk Building Materials. (EPA-600/R-93/116).

The samples were analyzed by Crisp Analytical, L.L.C. (Crisp) in Carrollton, TX. Crisp is accredited by the American Industrial Hygiene Association (AIHA) through their involvement in the National Laboratory Voluntary Accreditation Program (NVLAP) Bulk Asbestos Samples Quality Assurance Programs.

RESULTS

Results of the PLM analysis indicated four (4) of the fifteen (15) bulk samples contain greater than one percent (>1%) asbestos. The EPA and OSHA define an asbestos containing material as one that contains >1% asbestos.

- Rock pattern linoleum flooring - South Entry (Sample #8)
- 12" x 12" white floor tile and associated black mastic - Kitchen (Sample #9)
- Sheetrock with taping mud - Bathroom (Sample #11)
- Roofing material - black tar and black paper - Exterior roof (Sample #12)

Building materials that were determined to be asbestos free or contain less than one percent asbestos include:

- Plaster - Throughout (Sample #'s 1-7)
- Brick mortar - Middle room (Sample #10)
- Plaster/Stucco - Exterior (Sample #'s 13-15)

Please refer to the attached Crisp Laboratory Analysis Report dated April 21, 2016 for complete results.

3.0 INSPECTOR COMMENTS

The asbestos containing 12" x 12" floor tiles, black mastic, and linoleum flooring materials were located throughout the entire Site. These materials were all located beneath building debris from the building deteriorating. These materials were in poor condition at the time of this assessment.

The asbestos containing sheetrock with taping mud was located in the bathroom area. This material is also deteriorating.

The asbestos containing roofing material was falling into the building at the time of this assessment and was located on the floor throughout the building.

CONCLUSIONS/RECOMMENDATIONS

Asbestos containing floor tiles & associated mastics, linoleum flooring, and built-up roofing are classified as Category I non-friable materials by the EPA (cannot be crumbled or reduced to powder by hand pressure when dry). These materials are considered to be regulated due to the significant damage which classifies them as friable. These materials must be abated from the Site along with any debris that is mixed in with these materials prior to demolition. The remaining roof must also be separated from the rest of the building and disposed with the other asbestos containing or contaminated materials in an EPA approved landfill and in accordance with EPA NESHAPS, OSHA Class II, and State of North Dakota abatement regulations.

Asbestos-containing sheetrock taping mud is considered a friable material by the EPA (can be crumbled or reduced to powder by hand pressure when dry). This material should also be abated and disposed in accordance with EPA NESHAPS, OSHA Class II, and State of North Dakota abatement regulations.

A Notice of Intent for Demolition/Renovation must be filed with the North Dakota Department of Health ten working days prior to the start of any renovation project if the project will involve the disturbance of greater than 160 square feet or 260 lineal feet of regulated asbestos containing materials or if the building is scheduled for demolition.

If any suspect building materials are uncovered during the demolition project, which were not previously identified for the presence or absence of asbestos by this survey, immediately stop work and notify BEC to evaluate the suspect materials.

If you have any questions or feel you need any additional information, please do not hesitate to contact me at (701) 223-7335.

Sincerely,

BADLANDS ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in blue ink that reads "James D. McGurren". The signature is written in a cursive, flowing style.

James McGurren
Chief Executive Officer

Attachments

APPENDIX A

Crisp Analytical, L.L.C.

**Materials Characterization – Bulk
Asbestos Analysis Report**

CA Labs

Dedicated to
Quality

Crisp Analytical, L.L.C.

1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798

CA Labs, L.L.C.

12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Badlands Environmental Consultants

1008 East Central Avenue
Bismarck, ND 58501

Customer Project: P16-0215, City of Selfridge Vacant Bldg 1st St

Reference #: CAL16042653CB

Date: 4/21/2016

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved)). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as ≤1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.

Qualifications

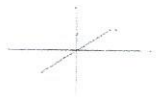
CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). CA Labs is also accredited by AIHA LAP, LLC. in the PLM asbestos field of testing for Industrial Hygiene. All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. Analysis performed at Crisp Analytical Labs, LLC 1929 Old Denton Road Carrollton, TX 75006

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235
AIHA LAP, LLC Laboratory #102929

CA Labs
Dedicated to
Quality

Crisp Analytical, L.L.C.

1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798



CA Labs, L.L.C.

12232 Industripex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Overview of Project Sample Material Containing Asbestos

Customer Project:		P16-0215, City of Selfridge Vacant Bldg 1st St		CA Labs Project #:	CAL16042653CB
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
8	8-1	Rock Pattern Linoleum/ gray patterned linoleum	23% Chrysotile	gray patterned linoleum tan streaked thin floor tile black mastic and black felt white surfaced tan compound composite of layers 1 and 2 black tar and black felt	
9	9-1	12x12 White Floor Tile/ tan streaked thin floor tile	3% Chrysotile		
	9-2	black mastic and black felt	25% Chrysotile		
11	11-1	Sheetrock w/Taping Mud/ white surfaced tan compound	2% Chrysotile		
	11-3	composite of layers 1 and 2	<1% Chrysotile		
12	12-2	black tar and black felt	3% Chrysotile		

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235
AIHA LAP, LLC Laboratory #102929

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	lg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

CA LabsDedicated to
Quality**Crisp Analytical, L.L.C.**1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798**CA Labs, L.L.C.**12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634**Polarized Light Asbestiform Materials Characterization**Customer Info: Attn:
Badlands Environmental Consultants
1008 East Central Avenue
Bismarck, ND 58501Customer Project:
P16-0215, City of Selfridge
Vacant Bldg 1st St
Turnaround Time:
3 DaysCA Labs Project #:
CAL16042653CB

Date: 4/21/2016

Samples Received: 4/18/16 10:30am

Date Of Sampling: 4/15/16

Purchase Order #:

Phone # 701-223-7335

Fax # 701-223-7340

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1		1-1	Plaster/ gray plaster	y	None Detected	1% sy	99% qu,ca
2		2-1	Plaster/ off-white surfaced gray plaster	n	None Detected	1% sy	99% qu,bi,ca
3		3-1	Plaster/ off-white surfaced gray plaster	n	None Detected	2% sy	98% qu,bi,ca
4		4-1	Plaster/ off-white surfaced gray plaster	n	None Detected	1% sy	99% qu,bi,ca
5		5-1	Plaster/ off-white surfaced gray plaster	n	None Detected	1% sy	99% qu,bi,ca
6		6-1	Plaster/ off-white surfaced gray plaster	n	None Detected	1% sy	99% qu,bi,ca
7		7-1	Plaster/ off-white surfaced gray plaster	n	None Detected	1% sy	99% qu,bi,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted.

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Chad Lytle
AnalystQAC
Leslie Crisp, P.G.Technical Manager
Chad Lytle

1. Fine Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fine Damage no significant fiber damage affecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Forsterite
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA LabsDedicated to
Quality**Crisp Analytical, L.L.C.**1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798**CA Labs, L.L.C.**12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634**Polarized Light Asbestiform Materials Characterization**

Customer Info: Attn:

Badlands Environmental Consultants1008 East Central Avenue
Bismarck, ND 58501

Phone # 701-223-7335

Fax # 701-223-7340

Customer Project:

P16-0215, City of Selfridge
Vacant Bldg 1st St

Turnaround Time:

3 Days

CA Labs Project #:

CAL16042653CB

Date: 4/21/2016

Samples Received: 4/18/16 10:30am

Date Of Sampling: 4/15/16

Purchase Order #:

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo- us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
8		8-1	Rock Pattern Linoleum/ gray patterned linoleum	y	23% Chrysotile		77% qu,ma
4		8-2	tan mastic and debris				
9		9-1	12x12 White Floor Tile/ tan streaked thin floor tile	y	3% Chrysotile		97% qu,ca
		9-2	black mastic and black felt	y	25% Chrysotile	35% ce	40% qu,bi
10		10-1	Brick Mortar/ brown bricking	y	None Detected		100% qu,ca,ma
		10-2	gray mortar	y	None Detected		100% qu,ca
11		11-1	Sheetrock w/Taping Mud/ white surfaced tan compound	n	2% Chrysotile		98% mi,bi,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-500 / R-93-116). All samples received in good condition unless noted.

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

Identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Chad Lytle
AnalystQAC
Leslie Crisp, P.G.Technical Manager
Chad Lytle

1. Fine Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fine Damage no significant fiber damages affecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthrophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs
Dedicated to
Quality

Crisp Analytical, L.L.C.

1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798

CA Labs, L.L.C.

12232 Industripex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn:

Badlands Environmental Consultants

1008 East Central Avenue
Bismarck, ND 58501

Customer Project:

P16-0215, City of Selfridge
Vacant Bldg 1st St

Turnaround Time:

3 Days

CA Labs Project #:

CAL16042653CB

Date:

4/21/2016

Samples Received: 4/18/16 10:30am

Date Of Sampling: 4/15/16

Purchase Order #:

Phone # 701-223-7335

Fax # 701-223-7340

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			11-2 tan drywall with brown paper	n	None Detected	25% ce 1% fg	74% qu.gy
			11-3 composite of layers 1 and 2	n	<1% Chrysotile	12% ce	88% qu.gy,bi,ca
			Asphalt & Shingle w/Tar Paper/ black roofing shingle				
12		12-1	with green gravel	y	None Detected	24% ce	76% qu,bi
			12-2 black tar and black felt	n	3% Chrysotile	55% ce	42% qu,bi
			Plaster Exterior/ white				
13		13-1	surfaced white finishing plaster	n	None Detected		100% qu,bi,ca
			13-2 gray plaster	y	None Detected	1% sy	99% qu,ca
			Plaster Exterior/ white surfaced off-white finishing				
14		14-1	plaster	n	None Detected		100% qu,bi,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted.

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

identification of asbestos types by dispersion staining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gyo - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastonite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Chad Lytle
Analyst

OAC
Leslie Crisp, P.G.

Technical Manager
Chad Lytle

1. Fine Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fine Damage no significant fiber damages affecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result: point counted positive
10. TEM analysis suggested

CA LabsDedicated to
Quality**Crisp Analytical, L.L.C.**1929 Old Denton Road
Carrollton, TX 75006
Phone 972-242-2754
Fax 972-242-2798**CA Labs, L.L.C.**12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634**Polarized Light Asbestiform Materials Characterization**

Customer Info: Attn:

Badlands Environmental Consultants1008 East Central Avenue
Bismarck, ND 58501

Phone # 701-223-7335

Fax # 701-223-7340

Customer Project:

P16-0215, City of Selfridge

Vacant Bldg 1st St

Turnaround Time:

3 Days

CA Labs Project #:

CAL16042653CB

Date:

4/21/2016

Samples Received: 4/18/16 10:30am

Date Of Sampling: 4/15/16

Purchase Order #:

Sample #	Com ment	Layer #	Analysts Physical Subsample	Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		14-2		gray plaster	y	None Detected	1% ce 1% sy	98% qu,ca
				Plaster Exterior/ white surfaced off-white finishing				
15		15-1		plaster	n	None Detected		100% qu,bi,ca
		15-2		gray plaster	y	None Detected		100% qu,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-900, R-93/116). All samples received in good condition unless noted.

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

Chad Lytle
AnalystQAC
Leslie Crisp, P.G.Technical Manager
Chad Lytle

1. Fine Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fine Damage no significant fiber damage affecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthrophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested

CA Labs

Crisp Analytical Laboratories, L.L.C.
1923 Old Denton Rd.
Carmillion, TX 75006

Phone: 972-242-2751
Fax: 972-242-3798
Mobile: 480-222-6967

Chain of Custody

Client Name:	<u>Badlands Environmental</u>	CA Labs job #	<u>CAL 16012653</u>
Client Address:	<u>1508 E. Central Ave.</u> <u>Bismarck, ND 58501</u>	Billing Address:	<u>City of Selfridge</u> <u>vacant Bld. 1st St.</u>
Phone number:	<u>701-223-7335</u>	P.O. #:	<u>Selfridge, ND</u>
Fax number:	<u>701-223-7340</u>	Project Name:	<u>Selfridge, ND</u>
Email:	<u>badlands_email@comcast.com</u>	Project Number:	<u>P16-0215</u>
Contact:		Reports Results	
Total # Samples Submitted:	<u>15</u>	VIA: EMAIL	FAX
Total # Samples to be Analyzed:	<u>15</u>	VERBAL	
		Material Matrix:	<u>Air / Bulk / Water</u>

Asbestos:

please call ahead for availability of all rush and/or after hours samples.

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>			
AHERA	4 hour	Improved	2 hour	PCM: NIOSH 7400	Note TAT
EPA Level II	8 hour	Interim	4 hour	Allergen Particle:	24 hour
Drinking Water	16 hour		8 hour	tape/bulk swab	2 days
Wipe	24 hour	AHERA	16 hour	Cyclex-d cassettes	3 days
Micro-vac	2 days		24 hour	Air-o-cell cassettes	5-10 days
NIOSH 7402	3 days	Point Count -	2 days	Anderson cultures	Specify
Chatfield Bulk	5 days	(NESHAPS)	3 days	Bulk/swab cultures	Mold or
			5 days	Bacteria cultures	bacteria

Please indicate appropriate turn around time. (minimum turnaround - 24 hrs for Lead TCLP and water)

Lead:

Circle analysis and TA time

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
<u>See Attached COC</u>			
<u>Do Composite if Sheetrock Contains</u>			

Custody Information:

Samples relinquished:

[Signature] 4-15-16 4:00
Signature Date Time

Samples received:

[Signature] 4-15-16 10:30 AM
Signature Date Time

Samples relinquished:

Signature Date Time

Samples received:

Signature Date Time

BADLANDS ENVIRONMENTAL CONSULTANTS, INC.
1008 East Central Avenue, Bismarck, ND 58501
Phone: (701) 223-7335 FAX: (701) 223-7340

One Level 2653

BULK ASBESTOS SAMPLING/CHAIN OF CUSTODY RECORD

Project Identification Number

City of Selfridge - Vacant Bld. 1st Street-Selfridge, ND
Kayla Hardy

Person Sampling

Turnaround Required:

(circle one)

4 hour

24 hour

48 hour

1 day Standard

Sample No.	Sample Date	Material Description/Location	Friable (F) or Non-Friable (NF)
1	4-15-16	Plaster - wall, S. entry	
2			
3		- middle room - S. side	
4		↓ - N. side	
5		↓ - Kitchen	
6		Ceiling - S. entry	
7		↓ - middle room	
8		↓ - Kitchen	
9		rock pattern linoleum - S. entry	
10		12 x 12 white floor tile - Kitchen	
11		Brick mortar - middle room	
12		Sheetrock w/ taping mud - bathroom	
		Asphalt Shingle w/ tarp paper - Roof	

Relinquished by

4-15-16

Date

Received By

4-16-16

Date

Relinquished by

Date

Received By

Date

QAC local 2653

Project Identification Number:

City of Selfridge - Vacant Bld - 1st Street Selfridge, ND
Person Sampling: Kayla Barclay

Time/round Required: (circle one) 4 hour

4 hour

三、

3-5-Substandard

[illegible]

Reimbursement by

91-51-12

Received By 

4-18-76 10:30 AM

Reinforced by

2011:61

Received 13y

LDNAC