

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-52869-2

Client Project/Site: Abandoned Mining Waste

For:

Michigan Dept of Environmental Quality

Constitution Hall

525 W. Allegan Street

3rd Floor

Lansing, Michigan 48909

Attn: Amy Keranen



Authorized for release by:

8/6/2015 12:02:06 PM

Kris Brooks, Project Manager II

(330)966-9790

kris.brooks@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Michigan Dept of Environmental Quality
Project/Site: Abandoned Mining Waste

TestAmerica Job ID: 240-52869-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Michigan Dept of Environmental Quality
Project/Site: Abandoned Mining Waste

TestAmerica Job ID: 240-52869-2

Job ID: 240-52869-2

Laboratory: TestAmerica Canton

Narrative

Job Narrative
240-52869-2

Comments

The Asbestos analysis was performed at EMLab P&K - Irvine.

Samples for Asbestos PLM will be reported under separate cover. Sample CHLL-SS12-0-6" was compromised during shipment to be crushed per the method requirements and cannot be reported for Asbestos Carb 435.

Receipt

The samples were received on 7/7/2015 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 24.6° C.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Method Summary

Client: Michigan Dept of Environmental Quality
Project/Site: Abandoned Mining Waste

TestAmerica Job ID: 240-52869-2

Method	Method Description	Protocol	Laboratory
Asbestos - Carb 435	General Sub Contract Method	NONE	EMLab

Protocol References:

NONE = NONE

Laboratory References:

EMLab = EMLab - Irvine, Bascom Airport Executive Suites, 17461 Derian Ave, Suite 100, Irvine, CA 92614

Sample Summary

Client: Michigan Dept of Environmental Quality
Project/Site: Abandoned Mining Waste

TestAmerica Job ID: 240-52869-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-52869-1	CHLL-SS10-0-6"	Solid	07/01/15 15:10	07/07/15 09:40
240-52869-2	CHLL-SS11-0-6"	Solid	07/01/15 15:20	07/07/15 09:40
240-52869-4	CHLL-SS13-0-6"	Solid	07/01/15 15:40	07/07/15 09:40

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Report for:

Ms. Kris Brooks
TestAmerica-Canton
4101 Shuffel Dr. NW
North Canton, OH 44720

Regarding: Project: 240-52869-1
EML ID: 1390038

Approved by:

Dates of Analysis:
Asbestos-CARB 435: 07-30-2015

Approved Signatory
Noah Lazarte

Service SOPs: Asbestos-CARB 435 (EM-AS-S-1265)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K4955 Yarrow Street , Arvada, CO 80002
(800) 651-4802 Fax (623) 780-7695 www.emlab.comClient: TestAmerica-Canton
C/O: Ms. Kris Brooks
Re: 240-52869-1Date of Submittal: 07-07-2015
Date of Receipt: 07-08-2015
Date of Report: 07-30-2015**ASBESTOS POINT COUNT REPORT: CARB METHOD 435**

Location:	CHLL-SS10-0-6" (240-52869-1)		
Total Points Counted:	400		
Lab ID-Version‡:	6430939-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:	-	-	-

Comments:

Location:	CHLL-SS11-0-6" (240-52869-2)		
Total Points Counted:	400		
Lab ID-Version‡:	6430940-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:	-	-	-

Comments: Presence of Chrysotile suspected but could not confirm.

Location:	CHLL-SS13-0-6" (240-52869-4)		
Total Points Counted:	400		
Lab ID-Version‡:	6430941-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:	-	-	-

Comments:

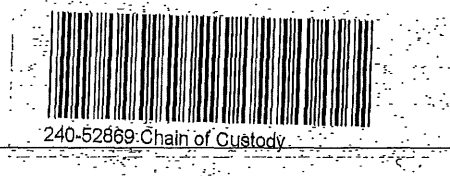
The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of asbestos points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

**CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS**



8 7 6 5 4 3 2 1

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1984
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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653



Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

[illegible]

Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

TURN AROUND TIME CODES (TAT)

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mining Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/29/15	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Black asphaltic roofing	CHTC-ASBBLK01A-062915	B	STD		10:05
Black asphaltic roofing	CHTC-ASBBLK01B-062915	B	STD		10:05
Black asphaltic roofing	CHTC-ASBBLK01C-062915	B	STD		10:05
Light gray Plaster	CHTC-ASBBLK02A-062915	B	STD		10:25
Light gray Plaster	CHTC-ASBBLK02B-062915	B	STD		10:25
Light gray Plaster	CHTC-ASBBLK02C-062915	B	STD		10:25
Light gray Plaster	CHTC-ASBBLK03A-062915	B	STD		10:40
Light gray Plaster	CHTC-ASBBLK03B-062915	B	STD		10:40
Light gray Plaster	CHTC-ASBBLK03C-062915	B	STD		10:40
Light gray Plaster	CHTC-ASBBLK04A-062915	B	STD		10:50
Light gray Plaster	CHTC-ASBBLK04B-062915	B	STD		10:50

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon, Allergenco, Burkard ...	T – Tape	D – Dust		7/6/15 1500		7-7-15 9:40
A1S – Anderson		SW – Swab	SO – Soil				
SAS – Surface Air Sampler	P – Potable Water	B – Bulk					
CP – Contact Plate	NP – Non-Potable Water	O – Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/s/main/serviceterms.html>

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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

[illegible]

Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934		Sampling Date & Time: 6/29/15	SD – Same Business Day Rush	
PO Number:			Sampled By: M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Light gray Plaster	CHTC-ASBBLK04C-062915	B	STD		10:50
Black asphalt roofing	CHTC-ASBBLK05A-062915	B	STD		11:20
Black asphalt roofing	CHTC-ASBBLK05B-062915	B	STD		11:20
Black asphalt roofing	CHTC-ASBBLK05C-062915	B	STD		11:20
Gray/Tan woven fabric	CHTC-ASBBLK06A-062915	B	STD		11:25
Orange asphalt roofing	CHTC-ASBBLK07A-062915	B	STD		11:45
Orange asphalt roofing	CHTC-ASBBLK07B-062915	B	STD		11:45
Orange asphalt roofing	CHTC-ASBBLK07C-062915	B	STD		11:45
Blue/black asphalt roofing	CHTC-ASBBLK08A-062915	B	STD		11:50
Blue/black asphalt roofing	CHTC-ASBBLK08B-062915	B	STD		11:50
Blue/black asphalt roofing	CHTC-ASBBLK08C-062915	B	STD		11:50

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon,	T - Tape	D - Dust		7/6/15 1500	FODX	7-7-15 948
A1S - Anderson	Allergenco, Burkard ...	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other					

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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

Non-Culturable										Culturable										Other Requests																			
Spore Trap					Tape Swab Bulk					BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates																													
Fungi – Spore Trap Analysis					☐	☐	☐	☐	☐	Spore Trap Analysis – Other particles					☐	☐	☐	☐	☐	Direct Microscopic Exam (Qualitative)					☐	☐	☐	☐	☐	Quantitative Spore Count Direct Exam					☐	☐	☐	☐	☐
1-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	2-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	3-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	Culturable Air Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐
Gram Stain & Counts (Culturable Air & Surface Bacteria)					☐	☐	☐	☐	☐	Legionella culture					☐	☐	☐	☐	☐	Total Coliform, E. coli (Presence/Absence)					☐	☐	☐	☐	☐	Membrane Filtration (specify organism):					☐	☐	☐	☐	☐
MPN Bacteria (specify organism):					☐	☐	☐	☐	☐	QuantITray – Sewage Screen					☐	☐	☐	☐	☐	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)					☐	☐	☐	☐	☐	Asbestos Analysis – PLM (EPA method 600/R-93-116)					☐	☐	☐	☐	☐
PCR (specify test):					☐	☐	☐	☐	☐						☐	☐	☐	☐	☐						☐	☐	☐	☐	☐						☐	☐	☐	☐	☐

	CONTACT INFORMATION		
Company:	MDEQ		Address: 55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen		Special Instructions: Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/29/15	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Whitish fibrous mat1	CHTC-ASBBLK09A-062915	B	STD		13:30
Whitish fibrous mat1	CHTC-ASBBLK09B-062915	B	STD		13:30
Whitish fibrous mat1	CHTC-ASBBLK09C-062915	B	STD		13:30
Green asphalt roofing	CHTC-ASBBLK10A-062915	B	STD		13:45
Green asphalt roofing	CHTC-ASBBLK10B-062915	B	STD		13:45
Green asphalt roofing	CHTC-ASBBLK10C-062915	B	STD		13:45
Orange asphalt roofing	CHTC-ASBBLK11A-062915	B	STD		13:50
JM -Asbestos shee1ing	CHTC-ASBBLK12A-062915	B	STD		14:10
Grayish transite	CHTC-ASBBLK13A-062915	B	STD		14:15
Grayish transite	CHTC-ASBBLK13B-062915	B	STD		14:15
Grayish transite	CHTC-ASBBLK13C-062915	B	STD		14:15

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon,	T – Tape	D – Dust		7/6/15 1500		
A1S – Anderson	Allergenco, Burkard ...	SW – Swab	SO – Soil				
SAS – Surface Air Sampler	P – Potable Water	B – Bulk					
CP – Contact Plate	NP – Non-Potable Water	O – Other:					

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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

Non-Culturable										Culturable										Other Requests									
Spore Trap					Tape Swab Bulk					BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates																			
Fungi – Spore Trap Analysis																													
Spore Trap Analysis – Other particles																													
Direct Microscopic Exam (Qualitative)																													
Quantitative Spore Count Direct Exam																													
1-Media Surface Fungi (Genus ID + Asp. spp.)																													
2-Media Surface Fungi (Genus ID + Asp. spp.)																													
3-Media Surface Fungi (Genus ID + Asp. spp.)																													
Culturable Air Fungi (Genus ID + Asp. spp.)																													
Gram Stain & Counts (Culturable Air & Surface Bacteria)																													
Legionella culture																													
Total Coliform, <i>E. coli</i> (Presence/Absence)																													
Membrane Filtration (specify organism):																													
MPN Bacteria (specify organism):																													
Quantitray – Sewage Screen																													
Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)																													
Asbestos Analysis – PLM (EPA method 600/R-93-116)																													
PCR (specify test):																													

Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934		Sampling Date & Time: 6/29/15	SD – Same Business Day Rush	
PO Number:			Sampled By: M. Castillo	WH – Weekend / Holiday	

[illegible]

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon, Allergenco, Burkard ...	T – Tape	D – Dust	 7/6/15 1500	 FEDX	7-7-15 940
A1S – Anderson	SW – Swab	SO – Soil				
SAS – Surface Air Sampler	B – Bulk					
CP – Contact Plate	NP – Non-Potable Water	O – Other				

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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

Non-Culturable		Culturable			
Spore Trap	Tape Swab Bulk	BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates		Other Requests	
Fungi – Spore Trap Analysis		☐	☐	☐	☐
Spore Trap Analysis – Other particles		☐	☐	☐	☐
Direct Microscopic Exam (Qualitative)		☐	☐	☐	☐
Quantitative Spore Count Direct Exam		☐	☐	☐	☐
1-Media Surface Fungi (Genus ID + Asp. spp.)		☐	☐	☐	☐
2-Media Surface Fungi (Genus ID + Asp. spp.)		☐	☐	☐	☐
3-Media Surface Fungi (Genus ID + Asp. spp.)		☐	☐	☐	☐
Culturable Air Fungi (Genus ID + Asp. spp.)		☐	☐	☐	☐
Gram Stain & Counts (Culturable Air & Surface Bacteria)		☐	☐	☐	☐
Legionella culture		☐	☐	☐	☐
Total Coliform, E. coli (Preserica/Abserice)		☐	☐	☐	☐
Membrane Filtration (specify organism):		☐	☐	☐	☐
MPN Bacteria (specify organism):		☐	☐	☐	☐
Quantitray – Sewage Screen		☐	☐	☐	☐
Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)		☐	☐	☐	☐
Asbestos Analysis – PLM (EPA method 600/R-93-116)		☒	☒	☒	☒
PCR (specify test):		☐	☐	☐	☐
		☐	☐	☐	☐

	CONTACT INFORMATION		
Company:	MDEQ		Address: 55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen		Special Instructions: Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934		Sampling Date & Time: 6/30/15	SD – Same Business Day Rush	
PO Number:			Sampled By: M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Rope Gasket	CHLL-ASBBLK38A-063015	B	STD		6/30/15 - 0810
Rope Gasket	CHLL-ASBBLK38B-063015	B	STD		6/30/15 - 0900
Rope Gasket	CHLL-ASBBLK38C-063015	B	STD		6/30/15 - 1145
TSI	CHLL-ASBBLK39A-063015	B	STD		6/30/15 - 0815
TSI	CHLL-ASBBLK39B-063015	B	STD		6/30/15 -1115
TSI	CHLL-ASBBLK39C-063015	B	STD		6/30/15 - 1130
Fibrous Mesh	CHLL-ASBBLK40A-063015	B	STD		6/30/15 - 0820
Blue Transite	CHLL-ASBBLK41A-063015	B	STD		6/30/15 - 0830
Blue Transite	CHLL-ASBBLK41B-063015	B	STD		6/30/15 - 1000
Blue Transite	CHLL-ASBBLK41C-063015	B	STD		6/30/15 - 1335
Glyish Paper Composite	CHLL-ASBBLK42A-063015	B	STD		6/30/15 - 0825

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon,	T - Tape	D - Dust		7/6/15/1500		
A1S - Anderson	Allergenco, Burkard ...	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other					

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New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1984
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

REQUESTED SERVICES
(Use checkboxes below)

[illegible]

CONTACT INFORMATION

Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

PROJECT INFORMATION

TURN AROUND TIME CODES (TAT)

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/30/15	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Grylish Paper Composite	CHLL-ASBBLK42B-063015	B	STD		6/30/15 - 1010
Grylish Paper Composite	CHLL-ASBBLK42C-063015	B	STD		6/30/15 - 1030
1/2" White Translite	CHLL-ASBBLK43A-063015	B	STD		6/30/15 - 0850
1/2" White Translite	CHLL-ASBBLK43B-063015	B	STD		6/30/15 - 1020
1/2" White Translite	CHLL-ASBBLK43C-063015	B	STD		6/30/15 - 1405
1/8" White Translite	CHLL-ASBBLK44A-063015	B	STD		6/30/15 - 0845
White Woven Sheeting	CHLL-ASBBLK45A-063015	B	STD		6/30/15 - 0852
White Woven Sheeting	CHLL-ASBBLK45B-063015	B	STD		6/30/15 - 1320
Black asphalt roofing	CHLL-ASBBLK46A-063015	B	STD		6/30/15 - 0855
Black asphalt roofing	CHLL-ASBBLK46B-063015	B	STD		6/30/15 - 1030
Black asphalt roofing	CHLL-ASBBLK46C-063015	B	STD		6/30/15 - 1105

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon,	T – Tape	D – Dust		7/6/15-1500		
ATS – Anderson	Allergenco, Burkard ...	SW – Swab	SO – Soil				
SAS – Surface Air Sampler	P – Potable Water	B – Bulk					
CP – Contact Plate	NP – Non-Potable Water	O – Other					

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EMLab P&K
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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

[illegible]

		CONTACT INFORMATION	
Company:	MDEQ		Address: 55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen		Special Instructions: Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/30/15	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Comp. Tile Board	CHLL-ASBBLK47A-063015	B	STD		6/30/15 - 0900
Comp. Tile Board	CHLL-ASBBLK47B-063015	B	STD		6/30/15 - 1300
Comp. Tile Board	CHLL-ASBBLK47C-063015	B	STD		6/30/15 - 1440
Gray pipe wrap	CHLL-ASBBLK48A-063015	B	STD		6/30/15 - 1120
Gray pipe wrap	CHLL-ASBBLK48B-063015	B	STD		6/30/15 - 1340
Grylish woven fabric	CHLL-ASBBLK49A-063015	B	STD		6/30/15 - 1345
Black asphalt roofing	CHLL-ASBBLK50A-063015	B	STD		6/30/15 - 1350
Black asphalt roofing	CHLL-ASBBLK50B-063015	B	STD		6/30/15 - 1415
Black asphalt roofing	CHLL-ASBBLK50C-063015	B	STD		6/30/15 - 1425
Grayfish Insulating panel	CHLL-ASBBLK51A-063015	B	STD		6/30/15 - 1230
Grayfish Insulating panel	CHLL-ASBBLK51B-063015	B	STD		6/30/15 - 1420

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon,	T – Tape	D – Dust		7/6/15-1500		7-7-15 940
A1S – Anderson	Allergenco, Burkard ...	SW – Swab	SO – Soil				
SAS – Surface Air Sampler	P – Potable Water	B – Bulk					
CP – Contact Plate	NP – Non-Potable Water	O – Other:					

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New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1984
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

REQUESTED SERVICES
(Use checkboxes below)

Non-Culturable						Culturable																							
Spore Trap						Tape Swab Bulk						BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates						Other Requests											
Fungi – Spore Trap Analysis	☐	☐	☐	☐	☐	Fungi – Spore Trap Analysis – Other particles	☐	☐	☐	☐	☐	Direct Microscopic Exam (Qualitative)	☐	☐	☐	☐	☐	Quantitative Spore Count Direct Exam	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐
1-Media Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	2-Media Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	3-Media Surface Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	Culturable Air Fungi (Genus ID + Asp. spp.)	☐	☐	☐	☐	☐	Gram Stain & Counts (Culturable Air & Surface Bacteria)	☐	☐	☐	☐	☐
Legionella culture	☐	☐	☐	☐	☐	Total Coliform, E. coli (Presence/Absence)	☐	☐	☐	☐	☐	Membrane Filtration (specify organism):	☐	☐	☐	☐	☐	MPN Bacteria (specify organism):	☐	☐	☐	☐	☐	QuantiTray – Sewage Screen	☐	☐	☐	☐	☐
Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)	☐	☐	☐	☐	☐	Asbestos Analysis – PLM (EPA method 800/R-93-116)	☒	☒	☒	☒	☒	PCR (specify test):	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐		☐	☐	☐	☐	☐

CONTACT INFORMATION

Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

PROJECT INFORMATION	
Project Name:	_____
Client:	_____
Location:	_____
Date:	_____
Project Manager:	_____
Status:	_____
Budget:	_____
Risk Level:	_____
Notes:	_____

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mine Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/30/15	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

TURN AROUND TIME CODES (TAT)

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Grayish Insulating panel	CHLL-ASBBLK51C-063015	B	STD		6/30/15 - 1430
Coated paperboard	CHLL-ASBBLK52A-063015	B	STD		6/30/15 - 1015
Coated paperboard	CHLL-ASBBLK52B-063015	B	STD		6/30/15 - 1050
Coated paperboard	CHLL-ASBBLK52C-063015	B	STD		6/30/15 - 1200
Coated paperboard	CHLL-ASBBLK52D-063015	B	STD		6/30/15 - 1325
Yellow Fire Brick	CHLL-ASBBLK53A-063015	B	STD		6/30/15 - 1255
Yellow Fire Brick	CHLL-ASBBLK53B-063015	B	STD		6/30/15 - 1310
Yellow Fire Brick	CHLL-ASBBLK53C-063015	B	STD		6/30/15 - 1410
Flooring plaster	CHLL-ASBBLK54A-063015	B	STD		6/30/15 - 1330
Asphaltic Roofing	CHLL-ASBBLK55A-063015	B	STD		6/30/15 - 1350
Fibrous insulation	CHLL-ASBBLK56A-063015	B	STD		6/30/15 - 1355

SAMPLE TYPE CODES

BC - BioCassette™	ST - Spore Trap: Zefon,	T - Tape	D - Dust		7/6/15 - 1500		7-7-15 940
A1S - Anderson	Allergenco, Burkard ...	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	P - Potable Water	B - Bulk					
CP - Contact Plate	NP - Non-Potable Water	O - Other:					

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EMLab P&K
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Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☒	☒	☒	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☒	
	Heavy	☐	☐	☐	☐	

Non-Culturable										Culturable										Other Requests									
Spore Trap					Tape Swab Bulk					BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates																			
Fungi – Spore Trap Analysis					☐	☐	☐	☐	☐	Fungi – Spore Trap Analysis					☐	☐	☐	☐	☐	Fungi – Spore Trap Analysis					☐	☐	☐	☐	☐
Spore Trap Analysis – Other particles					☐	☐	☐	☐	☐	Spore Trap Analysis – Other particles					☐	☐	☐	☐	☐	Spore Trap Analysis – Other particles					☐	☐	☐	☐	☐
Direct Microscopic Exam (Qualitative)					☐	☐	☐	☐	☐	Direct Microscopic Exam (Qualitative)					☐	☐	☐	☐	☐	Direct Microscopic Exam (Qualitative)					☐	☐	☐	☐	☐
Quantitative Spore Count Direct Exam					☐	☐	☐	☐	☐	Quantitative Spore Count Direct Exam					☐	☐	☐	☐	☐	Quantitative Spore Count Direct Exam					☐	☐	☐	☐	☐
1-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	1-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	1-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐
2-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	2-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	2-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐
3-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	3-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	3-Media Surface Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐
Culturable Air Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	Culturable Air Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐	Culturable Air Fungi (Genus ID + Asp. spp.)					☐	☐	☐	☐	☐
Gram Stain & Counts (Culturable Air & Surface Bacteria)					☐	☐	☐	☐	☐	Gram Stain & Counts (Culturable Air & Surface Bacteria)					☐	☐	☐	☐	☐	Gram Stain & Counts (Culturable Air & Surface Bacteria)					☐	☐	☐	☐	☐
Legionella culture					☐	☐	☐	☐	☐	Legionella culture					☐	☐	☐	☐	☐	Legionella culture					☐	☐	☐	☐	☐
Total Coliform, E. coli (Presence/Absence)					☐	☐	☐	☐	☐	Total Coliform, E. coli (Presence/Absence)					☐	☐	☐	☐	☐	Total Coliform, E. coli (Presence/Absence)					☐	☐	☐	☐	☐
Membrane Filtration (specify organism):					☐	☐	☐	☐	☐	Membrane Filtration (specify organism):					☐	☐	☐	☐	☐	Membrane Filtration (specify organism):					☐	☐	☐	☐	☐
MPN Bacteria (specify organism):					☐	☐	☐	☐	☐	MPN Bacteria (specify organism):					☐	☐	☐	☐	☐	MPN Bacteria (specify organism):					☐	☐	☐	☐	☐
Quantitray – Sewage Screen					☐	☐	☐	☐	☐	Quantitray – Sewage Screen					☐	☐	☐	☐	☐	Quantitray – Sewage Screen					☐	☐	☐	☐	☐
Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)					☐	☐	☐	☐	☐	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)					☐	☐	☐	☐	☐	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)					☐	☐	☐	☐	☐
Asbestos Analysis – PLM (EPA method 600/R-93-116)					☐	☒	☐	☐	☐	Asbestos Analysis – PLM (EPA method 600/R-93-116)					☐	☒	☐	☐	☐	Asbestos Analysis – PLM (EPA method 600/R-93-116)					☐	☒	☐	☐	☐
PCR (specify test):					☐	☐	☐	☐	☐	PCR (specify test):					☐	☐	☐	☐	☐	PCR (specify test):					☐	☐	☐	☐	☐

CONTACT INFORMATION			
Company:	MDEQ	Address:	55195 US 41 N. Calumet, MI 49913
Contact:	Amy Keranen	Special Instructions:	Test until first positive
Phone:	906-337-0389		

Project ID:	31000098			STD – Standard (DEFAULT)	Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Abandoned Mining Wastes			ND – Next Business Day	
Project Zip Code:	49934	Sampling Date & Time:	6/30 to 7/01/2015	SD – Same Business Day Rush	
PO Number:		Sampled By:	M. Castillo	WH – Weekend / Holiday	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
Ceramic Pavers	CHLL-ASBBLK57A-063015	B	STD		6/30/15 - 1400
Roofing	CHLL-ASBBLK58A-070115	B	STD		7/1/15 - 0800
Roofing	CHLL-ASBBLK58B-070115	B	STD		7/1/15 - 0800
Roofing	CHLL-ASBBLK58C-070115	B	STD		7/1/15 - 0800
TSI	CHLL-ASBBLK59A-070115	B	STD		7/1/15 - 1230
Transite	CHLL-ASBBLK60A-070115	B	STD		7/1/15 - 1235
Rope	CHLL-ASBBLK61A-070115	B	STD		7/1/15 - 1238
Roofing	CHLL-ASBBLK62A-070115	B	STD		7/1/15 - 1240
Transite	CHLL-ASBBLK63A-070115	B	STD		7/1/15 - 1245
TSI	CHLL-ASBBLK64A-070115	B	STD		7/1/15 - 1300

SAMPLE TYPE CODES		RELINQUISHED BY		DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette™	ST – Spore Trap: Zefon,	T – Tape	D – Dust	7/6/15-1500	FEDEx	7-7-15 940
A1S – Anderson	Allergenop, Burkard ...	SW – Swab	SO – Soil			
SAS – Surface Air Sampler	P – Potable Water	B – Bulk				
CP – Contact Plate	NP – Non-Potable Water	O – Other:				

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TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 51869

Client EM Lak Park Site Name _____ Cooler unpacked by: [Signature]
Cooler Received on 7-7-15 Opened on 7-7-15
FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler (Box) Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
IR GUN# A (CF +1.0 °C) Observed Cooler Temp. 23.6 °C Corrected Cooler Temp. 24.6 °C
IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
IR GUN# 8 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC432654
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes No NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No

☐ See Multiple
Cooler Form

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica
THE LEADER IN IT

6/2015



001390038

TestAmerica Canton

4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 487-9398 Fax (330) 487-0772

Chain of Custody Record

TestAmerica

THE CHAIN OF CUSTODY

Client Information (Sub Contract Lab)		Sample:		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact:		Phone:		Brooks, Kris M				240-45098.2	
Shipping/Receiving:				E-Mail:				Page 2 of 9	
Company:				Kris.brooks@testamericainc.com				Job #:	
TestAmerica Laboratories, Inc								240-52889-1	
Address:		Due Date Requested:		Analysis Requested				Preservation Codes:	
17461 Dorian Ave, Suite 100,		7/17/2015							
City:		TAT Requested (days):							
Livine									
State, Zip:		PO #:						Special Instructions/Note:	
CA, 92614-5817									
Phone:		WO #:							
949-281-1022(Tel) 949-280-3297(Fax)									
Email:		Project #:							
		24012499							
Project Name:		SSD/WK							
Weston - Abandoned Mining Waste									
Site:									
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix (Waste, Soil, Sediment, etc.)	
CHTC-ASBBLK038-062915 (240-52889-12)		8/29/15		10:40 Eastern		Solid		X	
CHTC-ASBBLK03C-062915 (240-52889-13)		8/29/15		10:40 Eastern		Solid		X	
CHTC-ASBBLK04A-062915 (240-52889-14)		8/29/15		10:50 Eastern		Solid		X	
CHTC-ASBBLK04B-062915 (240-52889-15)		8/29/15		10:50 Eastern		Solid		X	
CHTC-ASBBLK04C-062915 (240-52889-16)		8/29/15		10:50 Eastern		Solid		X	
CHTC-ASBBLK05A-062915 (240-52889-17)		8/29/15		11:20 Eastern		Solid		X	
CHTC-ASBBLK05B-062915 (240-52889-18)		8/29/15		11:20 Eastern		Solid		X	
CHTC-ASBBLK05C-062915 (240-52889-19)		8/29/15		11:20 Eastern		Solid		X	
CHTC-ASBBLK06A-062915 (240-52889-20)		8/29/15		11:25 Eastern		Solid		X	
CHTC-ASBBLK07A-062915 (240-52889-21)		8/29/15		11:45 Eastern		Solid		X	
CHTC-ASBBLK07B-062915 (240-52889-22)		8/29/15		11:45 Eastern		Solid		X	
Possible Hazard Identification									
Unconfirmed									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Fed: 6A19 2410605	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Rick K		7/17/15 1716				JWB and		7/8/15 9:50	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
						AF		7/8/15 3:00	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact:		Custody Seal No.:				Color Temperature (°C and Other Remarks):		No Temp 21.7/22.1 IR-75	
Yes No:									

TestAmerica
THE LEADER IN

001390038

TestAmerica Canton

4101 Shuffel Street NW
North Canton, OH 44721
Phone (330) 497-8396 Fax (330) 497-0772

Chain of Custody Record

TestA
THE LEADER IN



Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Center Tracking No.:		DOC No:																											
Client Contact:		Phone:		Brooks, Kris M				240-45698.4																											
Shipping/Receiving				E-Mail:				Page: 4 of 9																											
Company:				kris.brooks@testamericainc.com				Job #:																											
TestAmerica Laboratories, Inc								240-52869-1																											
Address:		Due Date Requested:		Analysis Requested																															
17451 Duran Ave. Suite 100,		7/17/2015																																	
City:		TAT Requested (days):																																	
Irvin																																			
State, Zip:		PO #:		<table border="1"> <tr><td colspan="2">Preservation Codes:</td></tr> <tr><td>A - HCL</td><td>M - Hexane</td></tr> <tr><td>B - NaOH</td><td>N - None</td></tr> <tr><td>C - 2N Acetate</td><td>O - HNO3</td></tr> <tr><td>D - Nitric Acid</td><td>P - Na2O4</td></tr> <tr><td>E - NaHSO4</td><td>Q - H2SO3</td></tr> <tr><td>F - HNO3</td><td>R - Ni2S2O6</td></tr> <tr><td>G - Amchlor</td><td>S - H2SO4</td></tr> <tr><td>H - Ascorbic Acid</td><td>T - TSP Dodecahydrate</td></tr> <tr><td>I - Ion</td><td>U - Acetone</td></tr> <tr><td>J - DI Water</td><td>V - MCA</td></tr> <tr><td>K - EDTA</td><td>W - pH 4.5</td></tr> <tr><td>L - BCR</td><td>Z - other (specify)</td></tr> </table>						Preservation Codes:		A - HCL	M - Hexane	B - NaOH	N - None	C - 2N Acetate	O - HNO3	D - Nitric Acid	P - Na2O4	E - NaHSO4	Q - H2SO3	F - HNO3	R - Ni2S2O6	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ion	U - Acetone	J - DI Water	V - MCA	K - EDTA	W - pH 4.5	L - BCR	Z - other (specify)
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Phone:		Project #:																																	
948-281-1022(Tel) 948-280-3297(Fax)		24012498																																	
Email:		SSON#:																																	
Project Name:		Project #:		<table border="1"> <tr><td colspan="2">Special Instructions/Note:</td></tr> <tr><td colspan="2"></td></tr> <tr><td colspan="2"></td></tr> <tr><td colspan="2"></td></tr> </table>						Special Instructions/Note:																									
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Weston - Abandoned Mining Waste		24012498																																	
Size:		SSON#:																																	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=organic, I=inorganic, A=air)																											
CHTC-ASBBLK12A-062915 (240-52869-34)		6/29/15		14:10 Eastern		Solid		X																											
CHTC-ASBBLK13A-062915 (240-52869-35)		6/29/15		14:15 Eastern		Solid		X																											
CHTC-ASBBLK13B-062915 (240-52869-36)		6/29/15		14:15 Eastern		Solid		X																											
CHTC-ASBBLK13C-062915 (240-52869-37)		6/29/15		14:15 Eastern		Solid		X																											
CHTC-ASBBLK14A-062915 (240-52869-38)		6/29/15		14:20 Eastern		Solid		X																											
CHTC-ASBBLK38A-063015 (240-52869-39)		6/30/15		08:10 Eastern		Solid		X																											
CHTC-ASBBLK38B-063015 (240-52869-40)		6/30/15		09:00 Eastern		Solid		X																											
CHTC-ASBBLK38C-063015 (240-52869-41)		6/30/15		11:45 Eastern		Solid		X																											
CHTC-ASBBLK39A-063015 (240-52869-42)		6/30/15		08:15 Eastern		Solid		X																											
CHTC-ASBBLK39B-063015 (240-52869-43)		6/30/15		11:15 Eastern		Solid		X																											
CHTC-ASBBLK39C-063015 (240-52869-44)		6/30/15		11:30 Eastern		Solid		X																											
Possible Hazard Identification																																			
Unconfirmed																																			
Deliverable Requested: I, II, III, IV, Other (specify)																																			
Empty Kit Relinquished by:					Date:		Time:		Method of Shipping:																										
Relinquished by:					Date/Time:		Company:		Received by:																										
Relinquished by:					Date/Time:		Company:		Received by:																										
Relinquished by:					Date/Time:		Company:		Received by:																										
Custody Seals Intact:					Custody Seal No.:		Special Temperature / D and Other Remarks:																												
Yes							No Ice 21/2/22-1 TR-75																												

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Phone (330) 487-8366 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

THE LEADER IN IT



001390038

Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving: Company: TestAmerica Laboratories, Inc. Address: 17461 Darjan Ave. Suite 100, City: Irvine State Zip: CA, 92614-6817 Phone: 949-261-1022(Tel) 949-260-3297(Fax) Email: Project Name: Weston - Abandoned Mining Waste See:		Sampler: Lab PM: Brooks, Kris M E-Mail: kris.brooks@testamericainc.com		Center Tracking No(s): Job #: 240-52869-1		DOG No: 240-45308.5 Page: Page 5 of 9	
Due Date Requested: 7/17/2015 TAT Requested (days):		Analysis Requested					
PO #: W/O #: Project #: 24012409 SSOW#:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - HNO3 G - Ascorbic Acid H - Iodine J - DI Water K - EDTA L - SDA M - Hexane N - None O - AcNO2 P - Na2O4S Q - Na2SO3 R - Na2S2O8 S - H2SO4 T - TSP Dendrophysalis U - Acetone V - MCAA W - pH 4.5 Z - other (specify)					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab) Preserve in:	Matrix (V=volatile, S=solid, C=contaminant, BT=biological, AC=acid)	Special Instructions/Notes:	
CHTC-ASBBLK40A-063015 (240-52869-45)		6/30/15	08:20 Eastern	Solid		X	
CHTC-ASBBLK41A-063015 (240-52869-46)		6/30/15	08:30 Eastern	Solid		X	
CHTC-ASBBLK41B-063015 (240-52869-47)		6/30/15	10:00 Eastern	Solid		X	
CHTC-ASBBLK41C-063015 (240-52869-48)		6/30/15	13:35 Eastern	Solid		X	
CHTC-ASBBLK42A-063015 (240-52869-49)		6/30/15	08:25 Eastern	Solid		X	
CHTC-ASBBLK42B-063015 (240-52869-50)		6/30/15	10:10 Eastern	Solid		X	
CHTC-ASBBLK42C-063015 (240-52869-51)		6/30/15	10:30 Eastern	Solid		X	
CHTC-ASBBLK43A-063015 (240-52869-52)		6/30/15	08:50 Eastern	Solid		X	
CHTC-ASBBLK43B-063015 (240-52869-53)		6/30/15	10:20 Eastern	Solid		X	
CHTC-ASBBLK43C-063015 (240-52869-54)		6/30/15	14:05 Eastern	Solid		X	
CHTC-ASBBLK44A-063015 (240-52869-55)		6/30/15	08:45 Eastern	Solid		X	
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>Mark</i>		Date/Time: <i>7-07-15 1716</i>		Company:		Received by: <i>Vn Bank</i>	
Relinquished by:		Date/Time:		Company:		Received by: <i>AF</i>	
Relinquished by:		Date/Time:		Company:		Received by:	
Custody Seals Intact: A Yes, B No		Custody Seal No:		Cooler Temperature(s) °C and Other Remarks: <i>No Ice 21.7/22.1 IR 75</i>			

1101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-0396 Fax (330) 497-0772

Chain of Custody Record

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TestAmerica

2015-01-01

2015


001390038

TestAmerica Canton

4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9398 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

THE LEADER IN

Client Information (Sub Contract Lab)		Sampler:		Lab Pmt:		Carrier Tracking No.:		COC No:	
Client Contact:		Phone:		E-Mail:				240-45866.8	
Shipping/Receiving:				kris_brooks@testamericacn.com				Page 8 of 9	
Company:								Job #:	
TestAmerica Laboratories, Inc.								240-52869-1	
Address:		Date Data Requested:		Analysis Requested				Preservation Codes:	
17461 Denan Ave. Suite 100,		7/17/2015							
City:		TAT Requested (days):							
Irvine									
State, Zip:		PO #:						A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - Acetic Acid D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecylhydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-B L - EDA Z - other (specify)	
Email:		WO #:							
Project Name:		Project #:							
Weston - Abandoned Mining Waste		24012498							
Site:		SSOW#:							
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Y=water, D=soil, O=other)	Special Instructions/Note:			
CHTC-ASBBLK53B-063015 (240-52869-78)		6/30/15	13:10 Eastern		Solid				
CHTC-ASBBLK63C-063015 (240-52869-79)		6/30/15	14:10 Eastern		Solid				
CHTC-ASBBLK54A-063015 (240-52869-80)		6/30/15	13:30 Eastern		Solid				
CHTC-ASBBLK58A-063015 (240-52869-81)		6/30/15	13:50 Eastern		Solid				
CHTC-ASBBLK96A-063015 (240-52869-82)		6/30/15	13:55 Eastern		Solid				
CHTC-ASBBLK57A-063015 (240-52869-83)		6/30/15	14:00 Eastern		Solid				
CHTC-ASBBLK58A-070115 (240-52869-84)		7/1/15	08:00 Eastern		Solid				
CHTC-ASBBLK58B-070115 (240-52869-85)		7/1/15	06:00 Eastern		Solid				
CHTC-ASBBLK58C-070115 (240-52869-86)		7/1/15	08:00 Eastern		Solid				
CHTC-ASBBLK58A-070115 (240-52869-87)		7/1/15	12:30 Eastern		Solid				
CHTC-ASBBLK60A-070115 (240-52869-88)		7/1/15	12:35 Eastern		Solid				
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months			
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seal Intact:		Custody Seal No.:		Count Temperature (°C) and Other Remarks:					
A Yes B No				No Ice 21.2/22.1 IR 75					



TestAmerica

2015

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