

<u>TestAmerica</u>

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: 240-43237-1

Client Project/Site: Abandoned Mining Waste Torch Lake

For:

Michigan Dept of Environmental Quality Constitution Hall 525 W. Allegan Street Lansing, Michigan 48909

Attn: Amy Keranen

Authorized for release by: 10/29/2014 8:03:38 PM

Kris Brooks, Project Manager II (330)966-9790

kris.brooks@testamericainc.com

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.

Client: Michigan Dept of Environmental Quality Project/Site: Abandoned Mining Waste Torch Lake TestAmerica Job ID: 240-43237-1

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Definitions/Glossary

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

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

TestAmerica Job ID: 240-43237-1

Glossary

RL

RPD

TEF

TEQ

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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

Case Narrative

Client: Michigan Dept of Environmental Quality

Project/Site: Abandoned Mining Waste Torch Lake

TestAmerica Job ID: 240-43237-1

Job ID: 240-43237-1

Laboratory: TestAmerica Canton

Narrative

Job Narrative 240-43237-1

Comments

The Asbestos analysis was performed at EM Lab P&K Irvine.

Receipt

The samples were received on 10/17/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 13.8° C.

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

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Test/10/1/29/22001 aunton

Method Summary

Client: Michigan Dept of Environmental Quality Project/Site: Abandoned Mining Waste Torch Lake TestAmerica Job ID: 240-43237-1

thod Description	Protocol	Laboratory
neral Sub Contract Method	NONE	EMLab
neral Sub Contract Method	NONE	EMLab
r	neral Sub Contract Method	neral Sub Contract Method NONE

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Protocol References:

NONE = NONE

Laboratory References:

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

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

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-43237-1	CHLL-ASBBLK07A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-2	CHLL-ASBBLK07B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-3	CHLL-ASBBLK07C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-4	CHLL-ASBBLK08A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-5	CHLL-ASBBLK08B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-6	CHLL-ASBBLK08C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-7	CHLL-ASBBLK09A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-8	CHLL-ASBBLK09B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-9	CHLL-ASBBLK09C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-10	CHLL-ASBBLK10A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-11	CHLL-ASBBLK10B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-12	CHLL-ASBBLK10C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-13	CHLL-ASBBLK11A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-14	CHLL-ASBBLK12A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-15	CHLL-ASBBLK13A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-16	CHLL-ASBBLK14A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-17	CHLL-ASBBLK15A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-18	CHLL-ASBBLK16A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-19	CHLL-ASBBLK17A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-20	CHLL-ASBBLK18A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-21	CHLL-ASBBLK19A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-22	CHLL-ASBBLK19B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-23	CHLL-ASBBLK19C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-24	CHLL-ASBBLK20A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-25	CHLL-ASBBLK20B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-26	CHLL-ASBBLK20C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-27	CHLL-ASBBLK21A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-28	CHLL-ASBBLK21B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-29	CHLL-ASBBLK21C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-30	CHLL-ASBBLK22A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-31	CHLL-ASBBLK22B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-32	CHLL-ASBBLK22C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-33	CHLL-ASBBLK23A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-34	CHLL-ASBBLK23B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-35	CHLL-ASBBLK23C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-36	CHLL-ASBBLK24A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-39	CHLL-ASBBLK25A-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-40	CHLL-ASBBLK25B-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-41	CHLL-ASBBLK25C-101414	Solid	10/14/14 00:00	10/17/14 09:30
240-43237-42	CHLL-ASBBLK26A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-43	CHLL-ASBBLK26B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-43 240-43237-44	CHLL-ASBBLK26C-101514 CHLL-ASBBLK26C-101514	Solid		
240-43237-44 240-43237-45	CHLL-ASBBLK27A-101514		10/15/14 00:00	10/17/14 09:30
		Solid	10/15/14 00:00	10/17/14 09:30
240-43237-46 240-43237-47	CHLL-ASBBLK28A-101514 CHLL-ASBBLK28B-101514	Solid Solid	10/15/14 00:00	10/17/14 09:30
			10/15/14 00:00	10/17/14 09:30
240-43237-48	CHLL ASBBLK28C-101514	Solid Solid	10/15/14 00:00	10/17/14 09:30
240-43237-49	CHLL ASBBLK29A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-50	CHLL-ASBBLK29B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-51	CHLL-ASBBLK29C-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-52	CHLL-ASBBLK30A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-53	CHLL-ASBBLK30B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-54	CHLL-ASBBLK30C-101514	Solid	10/15/14 00:00	10/17/14 09:30

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

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-43237-56	CHLL-ASBBLK31B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-57	CHLL-ASBBLK31C-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-58	CHLL-ASBBLK32A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-59	CHLL-ASBBLK32B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-60	CHLL-ASBBLK32C-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-61	CHLL-ASBBLK33A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-62	CHLL-ASBBLK33B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-63	CHLL-ASBBLK33C-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-64	CHLL-ASBBLK34A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-65	CHLL-ASBBLK34B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-66	CHLL-ASBBLK35A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-67	CHLL-ASBBLK36A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-68	CHLL-SS04-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-69	CHLL-SS05-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-70	CHLL-SS06-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-71	CHLL-SS07-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-72	CHLL-SS08-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-73	CHLL-SS09-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-74	CHLL-WP01-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-75	CHLL-WP02-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-76	CHLL-WP03-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-77	CHLL-RPM04-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-78	CHLL-ASBBLK37A-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-79	CHLL-ASBBLK37B-101514	Solid	10/15/14 00:00	10/17/14 09:30
240-43237-80	CHLL-ASBBLK37C-101514	Solid	10/15/14 00:00	10/17/14 09:30

Client: Michigan Dept of Environmental Quality	TestAmerica Job ID: 240-43237-1
Project/Site: Abandoned Mining Waste Torch Lake	
Client Sample ID: CHLL-ASBBLK07A-101414	Lab Sample ID: 240-43237-1
No Detections.	
Client Sample ID: CHLL-ASBBLK07B-101414	Lab Sample ID: 240-43237-2
No Detections.	
Client Sample ID: CHLL-ASBBLK07C-101414	Lab Sample ID: 240-43237-3
No Detections.	
Client Sample ID: CHLL-ASBBLK08A-101414	Lab Sample ID: 240-43237-4
No Detections.	
Client Sample ID: CHLL-ASBBLK08B-101414	Lab Sample ID: 240-43237-5
No Detections.	
Client Sample ID: CHLL-ASBBLK08C-101414	Lab Sample ID: 240-43237-6
No Detections.	
Client Sample ID: CHLL-ASBBLK09A-101414	Lab Sample ID: 240-43237-7
No Detections.	
Client Sample ID: CHLL-ASBBLK09B-101414	Lab Sample ID: 240-43237-8
No Detections.	
Client Sample ID: CHLL-ASBBLK09C-101414	Lab Sample ID: 240-43237-9
No Detections.	
Client Sample ID: CHLL-ASBBLK10A-101414	Lab Sample ID: 240-43237-10
No Detections.	
Client Sample ID: CHLL-ASBBLK10B-101414	Lab Sample ID: 240-43237-11
No Detections.	
Client Sample ID: CHLL-ASBBLK10C-101414	Lab Sample ID: 240-43237-12
No Detections.	
Client Sample ID: CHLL-ASBBLK11A-101414	Lab Sample ID: 240-43237-13
No Detections.	
Client Sample ID: CHLL-ASBBLK12A-101414	Lab Sample ID: 240-43237-14
No Detections.	

Client: Michigan Dept of Environmental Quality	TestAmerica Job ID: 240-43237-1
Project/Site: Abandoned Mining Waste Torch Lake	
Client Sample ID: CHLL-ASBBLK13A-101414	Lab Sample ID: 240-43237-15
No Detections.	
Client Sample ID: CHLL-ASBBLK14A-101414	Lab Sample ID: 240-43237-16
No Detections.	
Client Sample ID: CHLL-ASBBLK15A-101414	Lab Sample ID: 240-43237-17
No Detections.	
Client Sample ID: CHLL-ASBBLK16A-101414	Lab Sample ID: 240-43237-18
No Detections.	
Client Sample ID: CHLL-ASBBLK17A-101414	Lab Sample ID: 240-43237-19
No Detections.	
Client Sample ID: CHLL-ASBBLK18A-101414	Lab Sample ID: 240-43237-20
No Detections.	
Client Sample ID: CHLL-ASBBLK19A-101414	Lab Sample ID: 240-43237-21
No Detections.	
Client Sample ID: CHLL-ASBBLK19B-101414	Lab Sample ID: 240-43237-22
No Detections.	
Client Sample ID: CHLL-ASBBLK19C-101414	Lab Sample ID: 240-43237-23
No Detections.	
Client Sample ID: CHLL-ASBBLK20A-101414	Lab Sample ID: 240-43237-24
No Detections.	
Client Sample ID: CHLL-ASBBLK20B-101414	Lab Sample ID: 240-43237-25
No Detections.	
Client Sample ID: CHLL-ASBBLK20C-101414	Lab Sample ID: 240-43237-26
No Detections.	
Client Sample ID: CHLL-ASBBLK21A-101414	Lab Sample ID: 240-43237-27
No Detections.	
Client Sample ID: CHLL-ASBBLK21B-101414	Lab Sample ID: 240-43237-28
No Detections.	

Client: Michigan Dept of Environmental Quality	TestAmerica Job ID: 240-43237-1
Project/Site: Abandoned Mining Waste Torch Lake	
Client Sample ID: CHLL-ASBBLK21C-101414	Lab Sample ID: 240-43237-29
No Detections.	
Client Sample ID: CHLL-ASBBLK22A-101414	Lab Sample ID: 240-43237-30
No Detections.	
Client Sample ID: CHLL-ASBBLK22B-101414	Lab Sample ID: 240-43237-31
No Detections.	
Client Sample ID: CHLL-ASBBLK22C-101414	Lab Sample ID: 240-43237-32
No Detections.	
Client Sample ID: CHLL-ASBBLK23A-101414	Lab Sample ID: 240-43237-33
No Detections.	
Client Sample ID: CHLL-ASBBLK23B-101414	Lab Sample ID: 240-43237-34
No Detections.	
Client Sample ID: CHLL-ASBBLK23C-101414	Lab Sample ID: 240-43237-35
No Detections.	
Client Sample ID: CHLL-ASBBLK24A-101414	Lab Sample ID: 240-43237-36
No Detections.	
Client Sample ID: CHLL-ASBBLK25A-101414	Lab Sample ID: 240-43237-39
No Detections.	
Client Sample ID: CHLL-ASBBLK25B-101414	Lab Sample ID: 240-43237-40
No Detections.	
Client Sample ID: CHLL-ASBBLK25C-101414	Lab Sample ID: 240-43237-41
No Detections.	
Client Sample ID: CHLL-ASBBLK26A-101514	Lab Sample ID: 240-43237-42
No Detections.	
Client Sample ID: CHLL-ASBBLK26B-101514	Lab Sample ID: 240-43237-43
No Detections.	
Client Sample ID: CHLL-ASBBLK26C-101514	Lab Sample ID: 240-43237-44
No Detections.	

Detection Cammary	
Client: Michigan Dept of Environmental Quality	TestAmerica Job ID: 240-43237-1
Project/Site: Abandoned Mining Waste Torch Lake	
OII	
Client Sample ID: CHLL-ASBBLK27A-101514	Lab Sample ID: 240-43237-45
No Detections.	
Oliona Comunic ID: Olii I. AODDI KOOA 404544	Lab Cample ID: 040 40007 40
Client Sample ID: CHLL-ASBBLK28A-101514	Lab Sample ID: 240-43237-46
No Detections.	
Client Commis ID: CIII L. ACRDI KOOD 404544	Lab Comple ID: 240 42227 47
Client Sample ID: CHLL-ASBBLK28B-101514	Lab Sample ID: 240-43237-47
No Detections.	
Client Semple ID: CHI L ASPRI K29C 404544	Lab Cample ID: 240 42227 49
Client Sample ID: CHLL-ASBBLK28C-101514	Lab Sample ID: 240-43237-48
No Detections.	
Client Sample ID: CHLL-ASBBLK29A-101514	Lab Sample ID: 240-43237-49
	Lab Sample ID. 240-43237-49
No Detections.	
Client Sample ID: CHLL-ASBBLK29B-101514	Lab Sample ID: 240-43237-50
	Eus campie is: 240 40207 00
No Detections.	
Client Sample ID: CHLL-ASBBLK29C-101514	Lab Sample ID: 240-43237-51
No Detections.	
No Detections.	
Client Sample ID: CHLL-ASBBLK30A-101514	Lab Sample ID: 240-43237-52
No Detections.	·
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Client Sample ID: CHLL-ASBBLK30B-101514	Lab Sample ID: 240-43237-53
No Detections.	
Client Sample ID: CHLL-ASBBLK30C-101514	Lab Sample ID: 240-43237-54
No Detections.	
Client Sample ID: CHLL-ASBBLK31A-101514	Lab Sample ID: 240-43237-55
No Detections.	
Client Sample ID: CHLL-ASBBLK31B-101514	Lab Sample ID: 240-43237-56
No Detections.	
Client Sample ID: CHLL-ASBBLK31C-101514	Lab Sample ID: 240-43237-57
No Detections.	
Client Sample ID: CHLL-ASBBLK32A-101514	Lab Sample ID: 240-43237-58
No Detections.	
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Client: Michigan Dept of Environmental Quality	TestAmerica Job ID: 240-43237-1
Project/Site: Abandoned Mining Waste Torch Lake	
Client Sample ID: CHLL-ASBBLK32B-101514	Lab Sample ID: 240-43237-59
No Detections.	
Client Sample ID: CHLL-ASBBLK32C-101514	Lab Sample ID: 240-43237-60
No Detections.	
Client Sample ID: CHLL-ASBBLK33A-101514	Lab Sample ID: 240-43237-61
No Detections.	
Client Sample ID: CHLL-ASBBLK33B-101514	Lab Sample ID: 240-43237-62
No Detections.	
Client Sample ID: CHLL-ASBBLK33C-101514	Lab Sample ID: 240-43237-63
No Detections.	
Client Sample ID: CHLL-ASBBLK34A-101514	Lab Sample ID: 240-43237-64
No Detections.	
Client Sample ID: CHLL-ASBBLK34B-101514	Lab Sample ID: 240-43237-65
No Detections.	
Client Sample ID: CHLL-ASBBLK35A-101514	Lab Sample ID: 240-43237-66
No Detections.	
Client Sample ID: CHLL-ASBBLK36A-101514	Lab Sample ID: 240-43237-67
No Detections.	
Client Sample ID: CHLL-SS04-101514	Lab Sample ID: 240-43237-68
No Detections.	
Client Sample ID: CHLL-SS05-101514	Lab Sample ID: 240-43237-69
No Detections.	
Client Sample ID: CHLL-SS06-101514	Lab Sample ID: 240-43237-70
No Detections.	
Client Sample ID: CHLL-SS07-101514	Lab Sample ID: 240-43237-71
No Detections.	
Client Sample ID: CHLL-SS08-101514	Lab Sample ID: 240-43237-72
No Detections.	

Client: Michigan Dept of Environmental Quality Project/Site: Abandoned Mining Waste Torch Lake	TestAmerica Job ID: 240-43237-1
Client Sample ID: CHLL-SS09-101514	Lab Sample ID: 240-43237-73
No Detections.	
Client Sample ID: CHLL-WP01-101514	Lab Sample ID: 240-43237-74
No Detections.	
Client Sample ID: CHLL-WP02-101514	Lab Sample ID: 240-43237-75
No Detections.	
Client Sample ID: CHLL-WP03-101514	Lab Sample ID: 240-43237-76
No Detections.	
Client Sample ID: CHLL-RPM04-101514	Lab Sample ID: 240-43237-77
No Detections.	
Client Sample ID: CHLL-ASBBLK37A-101514	Lab Sample ID: 240-43237-78
No Detections.	
Client Sample ID: CHLL-ASBBLK37B-101514	Lab Sample ID: 240-43237-79
No Detections.	
Client Sample ID: CHLL-ASBBLK37C-101514	Lab Sample ID: 240-43237-80
No Detections.	

Certification Summary

Client: Michigan Dept of Environmental Quality Project/Site: Abandoned Mining Waste Torch Lake TestAmerica Job ID: 240-43237-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

^{*} Certification renewal pending - certification considered valid.



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Report for:

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

EMLab P&K

A TestAmerica Company

Regarding: Project: 240-43237-1

EML ID: 1279898

Approved by:

Aspesi

Dates of Analysis:

Asbestos-CARB 435: 10-28-2014

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&K, LLC

EMLab ID: 1279898, Page 1 of 4

4955 Yarrow Street, Arvada, CO 80002

(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton

C/O: Ms. Kris Brooks Date of Receipt: 10-21-2014 Re: 240-43237-1 Date of Report: 10-28-2014

ASBESTOS POINT COUNT REPORT: CARB METHOD 435

Location:	CHLI	CHLL-SS04-101514 (240-43237-68)		
Total Points Counted:		400		
Lab ID-Version‡:		5839453-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)	
Brown Soil	-	-	ND	
Layer Tota	ls:	_	_	

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-SS05-101514 (240-43237-69)		
Total Points Counted:	400		
Lab ID-Version‡:	5839454-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		_	-

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-SS06-101514 (240-43237-70)		
Total Points Counted:	400		
Lab ID-Version‡:	5839455-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		-	-

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-SS07-101514 (240-43237-71)		
Total Points Counted:	400		
Lab ID-Version‡:	5839456-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		_	-

Comments: No asbestos was detected and no points were counted.

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".

EMLab P&K, LLC EMLab ID: 1279898, Page 2 of 4

4955 Yarrow Street, Arvada, CO 80002

(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton

C/O: Ms. Kris Brooks Date of Receipt: 10-21-2014 Re: 240-43237-1 Date of Report: 10-28-2014

ASBESTOS POINT COUNT REPORT: CARB METHOD 435

Location:	CHLI	CHLL-SS08-101514 (240-43237-72)		
Total Points Counted:		400		
Lab ID-Version‡:		5839457-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)	
Brown Soil	-	-	ND	
Layer Tota	ıls:	_	_	

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-SS09-101514 (240-43237-73)		
Total Points Counted:	400		
Lab ID-Version‡:	5839458-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		-	-

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-WP01-101514 (240-43237-74)		
Total Points Counted:	400		
Lab ID-Version‡:	5839459-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		_	-

Comments: No asbestos was detected and no points were counted.

Location:	CHLL-WP02-101514 (240-43237-75)		
Total Points Counted:	400		
Lab ID-Version‡:	5839460-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		-	-

Comments: No asbestos was detected and no points were counted.

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".

EMLab P&K, LLC

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Client: TestAmerica-Canton

C/O: Ms. Kris Brooks

Re: 240-43237-1

Date of Receipt: 10-21-2014

Date of Report: 10-28-2014

ASBESTOS POINT COUNT REPORT: CARB METHOD 435

Location:	CHLI	CHLL-WP03-101514 (240-43237-76)		
Total Points Counted:		400		
Lab ID-Version‡:		5839461-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)	
Brown Soil	Chrysotile	1	0.25	
Layer Total	s:	1	0.25	

Comments:

Location:	CHLL-RPM04-101514 (240-43237-77)		
Total Points Counted:	400		
Lab ID-Version‡:	5839462-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown Soil	-	-	ND
Layer Totals:		-	-

Comments: No asbestos was detected and no points were counted.

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".

EMLab P&K, LLC EMLab ID: 1279898, Page 4 of 4



Report for:

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

Regarding: Project: 240-43237-1

EMĹ ID: 1279898

Approved by:

Dates of Analysis:

Asbestos PLM: 10-24-2014

Approved Signatory Miguel Ines

Thiguel Constantion Ina

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

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.

Lab ID-Version 1: 5828587-1

Lab ID-Version : 5828640-1

Lab ID-Version‡: 5828641-1

Lab ID-Version‡: 5828642-1

17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton
C/O: Ms. Kris Brooks
Date of Receipt: 10-21-2014
Date of Report: 10-24-2014
Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Total Samples Submitted: 78

Total Samples Analysed: 68

Total Samples with Layer Asbestos Content > 1%: 24

Location: CHLL-ASBBLK07A-101414 (240-43237-1)

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK07B-101414 (240-43237-2)

Sample Layers	Asbestos Content
Gray Cementitious Material	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: CHLL-ASBBLK07C-101414 (240-43237-3)

Sample Layers	Asbestos Content	
Black Roofing Tar	8% Chrysotile	
Black Roofing Tar and Felt	ND	
Black Roofing Tar and Felt	ND	
Composite Non-Asbestos Content: 50% Cellulose		
Sample Composite Homogeneity:	Good	

Location: CHLL-ASBBLK08A-101414 (240-43237-4)

Sample Layers	Asbestos Content	
Black Roofing Tar	8% Chrysotile	
Black Roofing Tar and Felt	ND	
Black Roofing Tar and Felt	ND	
Composite Non-Asbestos Content: 50% Cellulose		
Sample Composite Homogeneity:	Good	

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. 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.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ 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".

EMLab P&K, LLC EMLab ID: 1279898, Page 2 of 18

Lab ID-Version‡: 5828643-1

Lab ID-Version‡: 5828645-1

17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK08B-101414 (240-43237-5)

	•
Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	50% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK08C-101414 (240-43237-6)	Lab ID-Version‡: 5828644-1
Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK09A-101414 (240-43237-7)

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

EMLab P&K, LLC

Location: CHLL-ASBBLK09B-101414 (240-43237-8)	Lab ID-Version‡: 5828646-1
Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ 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".

EMLab ID: 1279898, Page 3 of 18

Client: TestAmerica-Canton Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 C/O: Ms. Kris Brooks Re: 240-43237-1 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK09C-101414 (240-43237-9)

	Lab	ID-V	ersion	: 382	8047-1	
iter	nt					1

Lab ID-Version‡: 5828648-1

Lab ID-Version 1: 5828649-1

Lab ID-Version † . 5828650-1

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK10A-101414 (240-43237-10)

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK10B-101414 (240-43237-11)

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity: Good	

Location: CHLL-ASRRLK10C-101414 (240-43237-12)

Location: CILL-ASBBERTOC-101414 (240-43257-12)	Las ID Version 1. 3020030 1	
Sample Layers	Asbestos Content	
Gray Cementitious Material	ND	
Sample Composite Homogeneity:	Good	

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(800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK11A-101414 (240-43237-13)

Lab ID-Version‡: 5828651-1

Sample Layers	Asbestos Content
Gray/White Fibrous Material	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK12A-101414 (240-43237-14)

Lab ID-Version 1: 5828652-1

Sample Layers	Asbestos Content
Black Non-Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK13A-101414 (240-43237-15)

Lab ID-Version‡: 5828653-1

Sample Layers	Asbestos Content
Gray Cementitious Material	< 1% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK14A-101414 (240-43237-16)

Lab ID-Version :: 5828654-1

Sample Layers	Asbestos Content
Light Gray Cementitious Material	ND
Brown Felt	ND
Composite Non-Asbestos Content:	20% Cellulose
	5% Glass Fibers
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 5 of 18

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

10% Synthetic Fibers

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Composite Non-Asbestos Content: | 80% Cellulose

Location: CHLL-ASBBLK15A-101414 (240-43237-17) Sample Layers

Brown/Beige Fibrous Material

Lab ID- version ₄ : 5828655-1
Asbestos Content
ND

Sample Composite Homogeneity: Good

Location: CHLL-ASBBLK16A-101414 (240-43237-18)

Lab ID-Version‡: 5828656-1

Sample Layers	Asbestos Content
Black Tar and Felt	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK17A-101414 (240-43237-19)

Lab ID-Version‡: 5828657-1

Sample Layers	Asbestos Content
Black Felt	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK18A-101414 (240-43237-20)

Lab ID-Version‡: 5828658-1

Sample Layers	Asbestos Content
Black Felt	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 6 of 18

Client: TestAmerica-Canton Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 C/O: Ms. Kris Brooks Re: 240-43237-1 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK19A-101414 (240-43237-21)

Lab ID- version 4: 3828639-1		
ontent		
. * 1		

Lab ID-Version‡: 5828660-1

Lab ID-Version :: 5828661-1

Lab ID-Version + 5828662-1

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK19B-101414 (240-43237-22)

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK19C-101414 (240-43237-23)

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASRRLK20A-101414 (240-43237-24)

Location: CIEE 115000E112011 101-114 (2-10 45257 2-1)	
Sample Layers	Asbestos Content
Black Roofing Shingle with Green Stones	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 7 of 18

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK20B-101414 (240-43237-25)

Sample Layers	Asbestos Content
Black Roofing Shingle with Green Stones	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK20C-101414 (240-43237-26)

Lab ID-Version : 5828664-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Green Stones	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK21A-101414 (240-43237-27)

Lab ID-Version‡: 5828665-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Red Stones	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK21B-101414 (240-43237-28)

Lab ID-Version‡: 5828666-1

10/29/2014

Asbestos Content
ND
40% Cellulose
Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 8 of 18

Client: TestAmerica-Canton

C/O: Ms. Kris Brooks

Re: 240-43237-1

Date of Sampling: 10-14-2014

Date of Receipt: 10-21-2014

Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK21C-101414 (240-43237-29)

Lab ID-Version‡: 5828667-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Red Stones	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK22A-101414 (240-43237-30)

Lab ID-Version 1: 5828668-1

Sample Layers	Asbestos Content
Off-White Fibrous Material	90% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK22B-101414 (240-43237-31)

Lab ID-Version‡: 5828669-1

Sample Layers	Asbestos Content
Off-White Fibrous Material	90% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK22C-101414 (240-43237-32)

Lab ID-Version‡: 5828670-1

Sample Layers	Asbestos Content
Off-White Fibrous Material	90% Chrysotile
Sample Composite Homogeneity:	Good

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limit and to aid in asbestos identification.

‡ 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".

EMLab P&K, LLC EMLab ID: 1279898, Page 9 of 18

Lab ID-Version‡: 5828673-1

Lab ID-Version 1: 5828674-1

17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 C/O: Ms. Kris Brooks Re: 240-43237-1 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK23A-101414 (240-43237-33)

Location: CHLL-ASBBLK23A-101414 (240-43237-33)	Lab ID-Version‡: 5828671-1
Sample Layers	Asbestos Content
Brown Tile	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK23B-101414 (240-43237-34)	Lab ID-Version‡: 5828672-1
Sample Layers	Asbestos Content
Brown Tile	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK23C-101414 (240-43237-35)

Sample Layers	Asbestos Content
Brown Non-Fibrous Material with Green Coating	ND
Sample Composite Homogeneity: Good	

Location: CHLL-ASBBLK24A-101414 (240-43237-36)

Sample Layers	Asbestos Content
Black/White Fibrous Material	90% Chrysotile
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 10 of 18

Lab ID-Version † 5828675-1

Lab ID-Version 1: 5828676-1

17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 C/O: Ms. Kris Brooks Re: 240-43237-1 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBRLK25A-101414 (240-43237-39)

Location: CILL-ASBBER25A-101414 (240-43257-57)	Eur 15 Version ₄ . 3020073 1
Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK25B-101414 (240-43237-40)

	•
Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBRLK26B-101514 (240-43237-43)

Location: CHLL-ASBBLK26B-101514 (240-43237-43)	Lab ID-Version‡: 5828677-1
Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK26C-101514 (240-43237-44)	Lab ID-Version‡: 5828678-1
Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 11 of 18

17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK27A-101514 (240-43237-45)

Lab ID-Version‡: 5828679-1

Sample Layers	Asbestos Content
Gray Fibrous Material	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK28A-101514 (240-43237-46)

Lab ID-Version :: 5828680-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK28B-101514 (240-43237-47)

Lab ID-Version‡: 5828681-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK28C-101514 (240-43237-48)

Lab ID-Version‡: 5828682-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

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limit and to aid in asbestos identification.

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17461 Derian Ave, Suite 100, Irvine, CA 92614

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Client: TestAmerica-Canton Date of Sampling: 10-14-2014 C/O: Ms. Kris Brooks Date of Receipt: 10-21-2014 Re: 240-43237-1 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK29A-101514 (240-43237-49)

Lab ID-Version‡: 5828683-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK29B-101514 (240-43237-50)

Lab ID-Version :: 5828684-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK29C-101514 (240-43237-51)

Lab ID-Version‡: 5828685-1

Sample Layers	Asbestos Content
White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK30A-101514 (240-43237-52)

Lab ID-Version‡: 5828686-1

Sample Layers	Asbestos Content
Brown Cementitious Material	ND
Sample Composite Homogeneity:	Good

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17461 Derian Ave, Suite 100, Irvine, CA 92614 (800) 651-4802 Fax (623) 780-7695 www.emlab.com

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK30B-101514 (240-43237-53)

	Lab ID-Version‡	: 5828687-1
ten	t	

Lab ID-Version 1: 5828688-1

Lab ID-Version : 5828689-1

Lab ID-Version † . 5828690-1

Sample Layers	Asbestos Content
Brown Cementitious Material	ND
Sample Composite Homogeneity: Good	

Location: CHLL-ASBBLK30C-101514 (240-43237-54)

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Sample Layers	Asbestos Content
Off-White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK31A-101514 (240-43237-55)

Sample Layers	Asbestos Content
Gray/Black Tar	15% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASRRLK31R-101514 (240-43237-56)

Location: CILL-ASBBERS1B-101314 (240-43237-30)	Ede 15 (C1310H ₄ , 3020070)	
Sample Layers	Asbestos Content	
Gray/Black Tar	15% Chrysotile	
Sample Composite Homogeneity:	Good	

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Client: TestAmerica-Canton

C/O: Ms. Kris Brooks

Date of Sampling: 10-14-2014

Date of Receipt: 10-21-2014

Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

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	location:	(HI /I /= A	INKKI	K TIC .	. I W I > I 4 (<i>/.</i> 4	いしょうとう / こう /)	

Lab ID-Version‡: 5828691-1

Sample Layers	Asbestos Content
Gray/Black Tar	15% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK32A-101514 (240-43237-58)

Lab ID-Version‡: 5828692-1

Sample Layers	Asbestos Content
Brown Felt	60% Chrysotile
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK32B-101514 (240-43237-59)

Lab ID-Version‡: 5828693-1

Sample Layers	Asbestos Content
Black Tar with Felt	ND
Composite Non-Asbestos Content:	30% Glass Fibers
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK32C-101514 (240-43237-60)

Lab ID-Version‡: 5828694-1

10/29/2014

Asbestos Content
ND
30% Glass Fibers
Good

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Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1 Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK33A-101514 (240-43237-61)

Lab ID-Version‡: 5828695-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK33B-101514 (240-43237-62)

Lab ID-Version‡: 5828696-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK33C-101514 (240-43237-63)

Lab ID-Version‡: 5828697-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK34A-101514 (240-43237-64)

Lab ID-Version‡: 5828698-1

Sample Layers	Asbestos Content
Off-White Cementitious Material	ND
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 16 of 18

Lab ID-Version †: 5828699-1

Lab ID-Version :: 5828701-1

Lab ID-Version † . 5828712-1

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Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK34B-101514 (240-43237-65)

Education: CITEE 118BBE118 IB 101211 (210 18221 02)	
Sample Layers	Asbestos Content
Off-White Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK35A-101514 (240-43237-66)	Lab ID-Version‡: 5828700-1
Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK36A-101514 (240-43237-67)

Sample Layers	Asbestos Content
Brown Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: CHLL-ASRRLK37A-101514 (240-43237-78)

Location: CILL 115DBLI3711 101514 (240 45257 76)	240 12 (010014, 0020, 12 1
Sample Layers	Asbestos Content
Black/White Semi-Fibrous Material	90% Chrysotile
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 17 of 18

Client: TestAmerica-Canton C/O: Ms. Kris Brooks Re: 240-43237-1

Date of Sampling: 10-14-2014 Date of Receipt: 10-21-2014 Date of Report: 10-24-2014

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116

Location: CHLL-ASBBLK37B-101514 (240-43237-79)

Lab ID-Version‡:	5828713-1

Sample Layers	Asbestos Content
Brown/White Fibrous Material	45% Chrysotile
Composite Non-Asbestos Content:	45% Cellulose
Sample Composite Homogeneity:	Good

Location: CHLL-ASBBLK37C-101514 (240-43237-80)

Lab ID-Version 1: 5828714-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	50% Glass Fibers
Sample Composite Homogeneity:	Good

Location: CHILL-ASBBLK-25C-101414 (240-43237-A-41)

Lab ID-Version‡: 5835066-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Good

Location: CHILL-ASBBLK-25C-101414 (240-43237-A-42)

Lab ID-Version :: 5835067-1

10/29/2014

Sample Layers	Asbestos Content
Gray Transite	20% Chrysotile
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 1279898, Page 18 of 18



TestAmerica Laboratories, Inc.

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W	eather	Fog	Rain	Snow	Wind	Clear
	None					
-	Light		X			
evel.	Moderate					
	Heavy					

REQUESTED SERVICES

(Use checkboxes below)

Non-Culturable

Spore Trap Swab Bulk

Non-Culturable

Culturable

Other Requests

	CON	TACT INFORMATION	ON										400)		
Company:	MDEQ	Address: 55195	U.S.41 NORTH, (AUMET, MI A99	3		Sec. 45-20			cteria			OSH-7	(911	
Contact:	AMY KERANON		ERUCÉS PROUDE				(.0			Se Bac			nt (N	R-93-	
Phone:	906-337-0389	MOED CONTI	ZACTLABORATO	ey phoaleam			as aso.)	1 1	spp.)	Surfa	nce) ;		er-Coi	009 p	
	PROJECT INFORMATION		TURN AROUND TI	ME CODES (TAT)	9	paricies alitative)	Exam C + Asp.	0 + A	Asp.	Air 8	organism):		ne Fil	metho	
Project ID:	3100098		STD – Standard (DEFAULT)	Rushes received after 2		Qualite	Direct enus II	ll snue	t Ci	urable	sence, ify orga	anism)	Airbor	(EPA	
Project Description:	ABANDONED MINING WAS	ES-TORCH LAKE	ND – Next Business Day	pm or on weekends, will be considered received the	1 5	opore i rap Arranysis – Orrier parricles Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam 1-Media Surface Funci (Genus ID + A.	2-Media Surface Fungi (Genus ID + Asp.) 3-Media Surface Fungi (Genus ID + Asp.)	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): Quanti Tray - Sewage Screen	-PGM-Airborne-Fiber-Count (NIOSH-7400)	- PLM (EPA method 600/R-93-116)	
Project Zip Code:	49934 Sampling Date & Time:	10/14/14-1915/4	SD – Same Business Day Rush	next business day. Please alert us in advance of	re Trap	Spore Trap Arranysis Direct Microscopic E	Spore face Fi	face Fu	ir Fung	& Coun	n, E. c	a (spec	alysis-	Analysis	/ test):
PO Number:	Sampled By: N	1.CASMUO	WH - Weekend / Holiday	weekend analysis needs.	1 1	Micros	itative lia Sur	lia Sur	able A	Gram Stain & Cou Legionella culture	Colifor rane F	Bacteri iTray -	Asbestos-Analysis	tos Ar	PCR (specify test):
Sample ID	Description	(Below) (/	TAT Total Volume / Area Above) (as applicable)	Notes (Time of day, Temp, RH, etc.)	Fungi	Direct	Quan 1-Med	2-Mec	Cultur	Gram	Total	MPN Bacte QuantiTray	Asbe	Asbestos	PCR (
Transite			TD	FOR A-C SAMPLES									Ф	M	
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1	CHL-ASBBLK08B-101414		, and a second s											X	
_ \rlaph_	CHU-ASBBUKOSC-1014W													X	
Transi	ECHU-ASBBLKO9A-101411		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											X	
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Wall -	CHU-ASBBLKIDA-101414		. 1										Ф	M	
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				_		*									

	SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC – BioCassette ™	ST - Spore Trap: Zefon,	T - Tape	D - Dust		20/16/14 FLOO	eres	
A1S – Anderson	Allergenco, Burkard	SW - Swab	SO – Soil		10/14/14 1/20	PAN	
SAS – Surface Air Sampler	P – Potable Water	B – Bulk				66 // 0-101	10/11/11/00
CP - Contact Plate	NP - Non-Potable Water	O – Other:				In Chat TACant	n 1917/14430
	<u> </u>						

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Doc. #1192 Rev 29 Revised4/25/133 Page 1 of 1, QA













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SAS - Surface Air Sampler

CP - Contact Plate

P - Potable Water

NP - Non-Potable Water

B - Bulk

O – Other:

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W	eather	Fog	Rain	Snow	Wind	Clear	
	None						Defendence
-e	Light		X				Non-0
evel-	Moderate						
	Heavy						Spore Trap

REQUES	FED S	ERV	ICES

Non-Culturable

(Use checkboxes below) Culturable

Phoenix, AZ	: 1501 West Knudsen drive, Phoenix CA: 1150 Bayhill Drive, #100, San Br	c, AZ 85027 * (80 0	651	4802		Heavy 🗍			Spor Tra	n li	Tape Swab Bulk	Bi W	oCass /ater, E	ette™ Bulk, E	, And Oust, S	ersen Soil, Co	, SAS, ontact	S, Swat t Plates	D, :S	Oth	er Red	quests	_
		CON	ITAC	T INFORMA	TION															(00t			
Company:	MDEQ				, 1 11	6.41 MOEAH, CAWA	AFT, MI 4	9913							Bacteria)					SH7	16)		
Contact:	AMYKERANEN)	Spe	ecial Instructions:	-	st while purst	PRITA	₽				(-						nt (NIC	R-93-1		
Phone:	906-337-0389					7 0,010 10 10-01	1001140	, ,				p. spp.)		r, spp.)	Surfac		(60)			er Cou	/009 p		
	PROJECT INFO		_			TURN AROUND TIN	ME CODES (TAT)		particles	tive)) + Asp.	+ As	ASD. 8	Air &		Abser	mlsm)		ia Fibr	netho		
Project ID:	31000098				ST	D - Standard (DEFAULT)	Rushes rece	aived after 2	.s	ər par	Sualita Sirect	uns II	JI snus	+ Q s	urable		/eoues	ry organian)	en	Airborr	(EPA r		
Project Description:	ABANDONED MI	MM WA	519	55	ND	- Next Business Day	pm or on wee	kends, will be	Analysis	- Other	Exam (Qualit	ngi (Ge	Fungi (Genus ID	(Genu	s (Cult		coli (Presence/Absence)	(speci	e Scre	PCM7	- PLM		
Project Zip Code:	49934	Sampling Date & Time:		14/14	SD	- Same Business Day Rush	next business	day. Please	e Trap	Spore Trap Analysis	Direct Microscopic Exam (Qualitative) Quantitative Spore Count Direct Exan	1-Media Surface Fungi (Genus ID	ace Ful	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Counts (Culturable Air & Surface	Iture	n, E. co	Membrane Filtration (specify organism): MPN Bacteria (specify organism):	Sewag	Asbestos-Analysis – PCM-Airborne Fiber Count (NIOSH 7400)	Analysis – PLM (EPA method 600/R-93-116)	test):	
PO Number:			M.('ASTILLO	W	I – Weekend / Holiday	weekend and	ılysis needs.	- Spor	Trap A	Direct Micros	la Surf	2-Media Surface	able Ai	Stain 8	Legionella culture	Total Coliform, E.	rane ri 3acteria	Tray –	tos-Ana	tos An	PCR (specify test):	
Sample ID	Description	n		Sample Type (Below)	T A (Abov	Total Volume / Area (as applicable)	Not (Time of day, T		Fungi	Spore	Direct	1-Mec	2-Mec		Gram	Legio	Total	MPN	Quant	Asbes	Asbestos	PCR (
Wall boord	A CHU- ASBBLKIC	Y-10141U	í I	В	STI																X		_]
Fibrous	CHU-ASBBUKII			1	f][ПE				Ž]
Rochine	04U-ASB51K124	4-101414																			À		Ī
Plaski	CHLASBEK 134	4-101414												IJ							区		Ī
Plaster	CHU-ASBBUK 142	4-10141	•	-																	X		Ī
Paner	CHU-ASBBUKISA																コロ				X		Ī
Roohne	JOHLASBELKIUM				and the same of th												<u> </u>			Ф	Ŕ		I
PAPER					1																X		Ī
canyas	ONL-ASBOK18	A-10141L			- Marie																X		Ī
TRANSITE	CHU-ASBBIK19	1A-LIPIYU	4		1																X		Ī
7	CHULASBRUK 19	B-101411	4	<u> </u>	1						JC									Φ.	X		Ī
					!																		
	SAMPLE TYPE				, []	RELINQUISHED B	Y	DATE & 7	ME	\perp			RE	CEIVE	DBY					DAT	E&TI	ME	_
BC – BioCas A1S – Ander		· ·	Tape - Swa	D - Dust b SO - Soil		TOUR		10/10/14	ග			50	DO	2									

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CP - Contact Plate

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O – Other:

NP - Non-Potable Water

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 Baybill Driva #100 San Bruno CA 04066 * (866) 888-6653

W	eather	Fog	Rain	Snow	Wind	Clear
	None					
<u>-</u>	Light		X			
Level	Moderate					J
	Heavy					

REQUEST	ΓED	SER\	/ICES

(Use checkboxes below) Culturable

BioCassette™ , Andersen, SAS, Swab,

Other Requests

Non-Culturable

-		idsen drive, Phoenix Drive, #100, San B		1				Heavy			Tra		Swat Bulk	' 🛮				nderser , Soil, C				Ou	ner Ked	luests
-			CON	TAC	T INFORMA	TION	<u> </u>															(001		
Company:	MDEQ						 	41 MOETH, CAU	MET, MI	49913				A species			Racieria)	ווסוומ /				PGM-Airborne-Fiber-Gount (NIOSH-7400)	16)	
Contact:		ERANTN		_	cial Instructions:	\neg I										()						Int-(N)	R-93-1	
Phone:	906-33	7-0389			ies	374	NT	7L FLEST PC	2519 UVE					so spo.)	1 1	('dds 'ds	Culturable All Fungi (Genus ID + Asp. spp.) Gram-Stain-R-Comis-(Culturable-Air R-Strifage	2 2	nce)			er-Got	Analysis - PLM (EPA method 600/R-93-116)	
	PF	ROJECT INFO	RMATION				Τι	URN AROUND TIN	E CODES (TAT)		particles	ative)	Exam D + Asp.	D + Asp.	D + Asp.	ASp.	2	/Abse	anism		ne-Fi	metho	
Project ID:	3100	0098				ST	D – S	Standard (DEFAULT)	Rushes rece	ived after 2	sis	Other pa	Qualit	Ulrect eniis l	enns	l snue	US ID	an la	sence	ify org	organism Screen	-Airbo	(EPA	
Project Description:	ABAM	DONED MIN	ling was	15	5	N	Ne	ext Business Day	pm or on weel considered r		Analy	1	Exam (spore Count Dir ace Fundi (Gen	ıngi (G	ıngi (G	(Gen	30/01	oli (Pre	ods) u	olfy org	-PGM	- PLM	
Project Zip Code:	49936	+	Sampling Date & Time:	10	14/14	SE	Sar	me Business Day Rush	next business alert us in a		Spore Trap Analysis	Trap Analysis	scopic	Spore	face Fu	face Fu		Ilfure	n, E. c	Iltration	a (specify Sewage	alysis	nalysis	, test):
PO Number:		,	Sampled By:	1.0	ASTILLO	W	H - W	eekend / Holiday	weekend ana	ilysis needs.		Trap /	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct E) 1-Media Surface Fingi (Genus ID	2-Media Surface Fungi (Genus ID	3-Media Surface Fungi (Genus ID	Culturable All Fungi (Genus ID + Asp. spp.) Gram-Stain-R-Comits (Critimable Air R-Smt)	Legionella culture	Total Coliform, E. coll (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism): QuantiTray – Sewage Screen	Asbestos-Analysis		PCR (specify test):
Sample ID		Description	n		Sample Type (Below)	TA (Abo	ye)	Total Volume / Area (as applicable)	Not (Time of day, T		Fungi	Spore	Direct	∵uan 1-Mer	2-Mec	3-Mec	Sulfu	Legio	Total	Memb	MPN Bacte QuantiTray	Asbe	Asbestos	PCR
TRANSITE		ASBBLKP			B	S	D														可	ф	X	
ROOPIM	au-	ASB BLK 21	0A-10141	ų		1] [中	1	
	ani-1	ASBBLK2	40B-1014	14																			X	
		1568UK20																		<u> 기</u> [
2008ay		SBBK21] [阜		
		ISBBLK21				1																	X	
<u></u> _ <u>_</u>		ASBBÜK2															بًا[[X	
MPE LEAP	CHU-A	ASBBLK2	2A7014	14										╗┋┖			يًا[ت		$ \Box $				X	
	CHU-A	SBBUK 2	28-10141	u										JC			ij						X	
لـ	OM-1	45181K22	25-10141	4	glitte gate												ı							
WIFFURA	PCHU-A	HSB BUK 2	3A -1014	14	7	1	•										1					中	ŢX I	
		SAMPLE TYPE	CODES					RELINQUISHED B	Y	DATE & T	IME				R	ECEIV	/ED È	3Y				DÁT	TE & TII	ME
BC - BioCas A1S - Ander		ST – Spore Trap: Allergenco, Burka	_ , ,	Tape – Swal	D – Dust SO – Soil		F)	10/10/117	<u>ر</u> (۵	,		F	FS	5								
	ce Air Sampler	P – Potable Water				1	<u>"</u>	又 7 /		<u> </u>	<u> </u>	-			1	11	7				1	7. 11	Ι, ,	

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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

W	eather	Fog	Rain	Snow	Wind	Clear
	None					
-	Light					129-
evel	Moderate					
Ľ	Heavy					

ther	Fog	Rain	Snow	Wind	Clear			REQUES	TED SERVICES
lone									ckboxes below)
ight					R	Non-Cu	ilturable	С	liturable
loderate_							Tape	51.0 71	
leavy						Spore Trap	Swab		Andersen, SAS, Swab, st, Soil, Contact Plates

			TACT INFORMA	TION					1	1							7400)			
Company:	MDEQ		Address: 5519	5 VIS.2	ti NOPTH, CAU	MET, MI 49913							cteria				OSH-	116)		
Contact:	AMY KERANEN	ja J	Special Instructions:		ES-ANIAUTZE	EWAL				spp.)	spp.)		ce Ba				Count (NIOSH 7400)	600/R-93-116)		
Phone:	906-337-0389		FIRST	70517	ES-ANAYZE			l	2000	. 1	Asp. sp.	sbb.)	Surfa	nce)			T I	009 pc		1000
	PROJECT INFO	RMATION		T	URN AROUND TIN	IE CODES (TAT)		particles alitative)	Exam	+	+ +	+ Asp.	Air 8	/Abse	organism):		ne-Filt	method		
Project ID:	31000098	•		STD -	Standard (DEFAULT)	Rushes received after 2		er pa	Direct	l snue	l sine	t ⊆ si	urable	sence	ify org	anism sen	PCM-Airborne-Fiber	(EPA		
Project Description:	ABANDONED M	MH W	भारत भारत	ND - No	ext Business Day	pm or on weekends, will be considered received the	₩	is – Other particlee Exam (Qualitative)	Count Direct	1-Media Surface Fungi (Genus	2-Media Surface Fungi (Genus ID 3-Media Surface Fundi (Genus ID	Culturable Air Fungi (Genus ID	Gram Stain & Counts (Culturable Air & Surface Bacteria)	coli (Presence/Absence)	(specify	MPN Bacteria (specify organism): QuantiTray – Sewage Screen	-PCM	- PLM		
Project Zip Code:	49934	Sampling Date & Time:	10/14/14-	SD - Sa	ame Business Day Rush	next business day. Please alert us in advance of	ге Тгар			face Fu	face Ft	ir Fung	Coun	Jiture n, E. c	Membrane Filtration	a (specify	Analysis	Analysis	/ test):	
PO Number:		t i	1. CASTILLO	1 111	Veekend / Holiday	weekend analysis needs.			Quantitative	Sia Sur	dia Sur	able A	Stain	Legionella culture Total Coliform, E.	rane F	MPN Bacter	stos-An		PCR (specify test)	
Sample ID	Description		Sample Type (Below)	TAT (Aboye)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	Fungi	Spore	Quan	-Me	2-Media	Oalta	Gram	Legio Total	Memk	MPN	-Asbe	Asbestos	PCR	
wirturaf				510				JC									Ф	X		J
Ł	CHU-ASBBLKE																Ф	X		ij
	CHL-ASBBLK24			adasses a													Ф	水]
	CHU-ASBBUCE	B-10141	1	Badrotest .													Ф	X		Ī
	CHU-ASBBUK24	C-101414		Eventual III													Ф	X		ī
PAPER	CULL-ASBBUKZE																Ф	X		Ī
	CUL-ASBRIK 25	B-101414	f L	Office and the second													ф	X		J
<u> </u>	PHU-ASBOUK 25	C-101414																X		
TRANSITE	CMI-ASBBUX 26	A-101514	of the second															M		I
1	CHIL-ASBRIKZL							1			jc							À		
	CHU-ASBBIK 26	C-101514	1 4	4													Ш	X]

	SAMPLE TYPE CODES			;	RELINQUISHED BY	DATE & TIME	RECEIVED BY	D.	ATE & TIME
BC – BioCassette ™	ST - Spore Trap: Zefon,	T - Tape	D - Dust			10/16/14 100	o Etotx		
A1S - Anderson	Allergenco, Burkard	SW - Swab	SO – Soil		wife of	10/10/19			
SAS – Surface Air Sampler	P – Potable Water	B – Bulk					6/2 / /	Inl.	11.12.
CP - Contact Plate	NP – Non-Potable Water	O – Other:					LAND	10/1	11149!30

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Other Requests

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W	eather	Fog	Rain	Snow	Wind	Clear
Γ	None					
=	Light					i√
Level	Moderate					
_	Heavy					

REQUES	TED SERVICES
(Use che	ckboxes below)

on-Cu	lturable	Culturable	
ore ap	Tape Swab Bulk	BioCassette™ , Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates	Other Requests

		CONTA	ACT INFORMA	TION														7400)		
Company:	MUTER	A	Address: 5519	s 45	41 NORAL, CAL	MET, N149913							Bacteria)					HSO.	116)	
Contact:	AMY KERANEN) s	Special Instructions:		100	UMET, NI49913 OSITUR				spp.)		spp.)						N) Juir	/R-93-	
Phone:	906-337-038	9	TE	an	atic prest p	WIT DIE				1 .	t t	g g	Surfa		(eou			PGM-Airbørne-Filber-Gount (NIOSH 7400)	009 pc	
	PROJECT INFO	RMATION		Т	URN AROUND TIM	ME CODES (TAT)		particles	Hive)	+ Asp	1 + 1	4 A	All		/Abse	organism): ism):		ne-Fib	metho	
Project ID:	31000098			STD-	Standard (DEFAULT)	Rushes received after 2	sis	er pai	Qualite	ll snue	(Genus ID	H SHUS	urable		sence	fy orga) Jen	Airbor	(EPA	
Project Description:	ABANDONED M	INNY WA	ASIES	ND-N	lext Business Day	pm or on weekends, will be considered received the	₹	s – Other	Direct Microscopic Exam (Qualitative)	1-Media Surface Fungi (Genus ID	Fungi (Ge	3-Media Surface Fungi (Genus ID Gulfurable Air Fundi (Genus ID +	Gram-Stain-& Counts (Culturable All & Surface		coli (Presence/Absence)	Membrane Filtration (specify organism):	ge Screen	-PGM-	- PLM (EPA method 600/R-93-116)	
Project Zip Code:	49934	Sampling , Date & Time:	10/15/14	SD-S	ame Business Day Rush	next business day. Please alert us in advance of	e Trap	Analysis	Spore	ace Fu	Surface Fu	ace Fu	- Coun	≗	n, E. co	Membrane Filtration MPN Bacteria (speci	- Sewage	alysis	Analysis	r test):
PO Number:		Sampled By: M.	C4571110	WH-\	Weekend / Holiday	weekend analysis needs.	- Spoi	Trap/	Direct Micros	lia Sur	lia Sur	able A	-Stain-	Legionella culture	Total Coliform,	Bacteri	iTray -	Asbestos-Analysis		(specify
Sample ID	Description		Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	Fungi	Spore	Direct	1-Mec	2-Media	S-Me	-Gram	Legio	Total	MPN Mem	QuantiTray	-Asbe	Asbestos	PCR
insciation		1-101514	B	STD					5										X	
Beick			<u> </u>	2									Пф						X	
	CHU-ASBRIK28B																		X	
1	CHU-ASBBUCZ80																		X	
Beick	CHU-ASBBUX29,	4-101514][Ø	
	CUL-ASBBUK 291	B-101514										JC							X	
	CHU-ASBIBLK29K	2-101514	1124	1 1															凶	
MORTAR	CILL-ASBBLK30	A-101514							je										X	
	CINL-ASBBLK30																		X	
	CHL-ASBBIK30								٦c										X	
TAG PERZ	THIL ASSIBLIKE			1								JIC							X	

	SAMPLE TYPE CODES			RELINQUISHE	D BY	DATE & TIME	RECEIVED B	ſ	DATE & TIME
BC - BioCassette ™	ST - Spore Trap: Zefon,	T - Tape	D - Dust		7	10/16/14	FGOX		
A1S - Anderson	Allergenco, Burkard	SW - \$wab	SO – Soil			<u></u>	1924		
SAS - Surface Air Sampler	P – Potable Water	B – Bulk					76110		
CP - Contact Plate	NP - Non-Potable Water	O Other:					MUM	<u> </u>	10/14/149130

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SAS - Surface Air Sampler

CP - Contact Plate

P - Potable Water

NP - Non-Potable Water

B - Bulk

O - Other:

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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

W	eather	Fog	Rain	Snow	Wind	Clear
	None					
-a	Light					X
evel	Moderate					Þ
1	Heavy					

REQUESTED SERVICES

Non-Culturable

Spore

Trap

Tape

Swab

Bulk

(Use checkboxes below)

Culturable

BioCassette™ Andersen, SAS, Swab,

Water, Bulk, Dust, Soil, Contact Plates

Other Requests

•			,	111				Dukt	1						-		
			ACT INFORMA		-	TARRY	11							ļ	490		
Company:	MDER		Address: 5519	5 45.4	41 NORTH, CAU	MET, M149913						Bacteria)		ĺ	HSC	19)	ļ
Contact:	AMY KERAMEN		Special Instructions:		UNTIL FIRST										Count (NIOSH 7400)	3-93-1	
1	106-337-0389					, 000000				o. spp.)) dd	Surfac	3		r Cou	1009	
	PROJECT INFORMAT	ION		1	TURN AROUND TIN	TE CODES (TAT)	particles	ative) Exam	+Asp.	+Asp.	Asp. s	Air &	nism)		e Fibe	rethod	
Project ID:	31000098			STD-	Standard (DEFAULT)	Rushes received after 2		ualita irect E	Q snu	CI SIL	ф С	lrable	/ orga	nism).	irborn	EPA n	
Project Description:	ABANDONED MIMA	4 W	4 Sts	ND-N	lext Business Day	pm or on weekends, will be	Analysis a – Other	Exam (Qualiticont Direct	gi (Ge	g (Ge	Genus	(Culft.	specif	y organ	PCM Airborne Fiber	- PLM (EPA method 600/R-93-116)	
Project Zip Code:	49934 Sampli Date 8		0/15/14	SD-S	ame Business Day Rush	considered received the next business day. Please alert us in advance of	Trap A	opic E	e Fun	E Fill	Fungi (Sounts ure	ation ((specify organis Sewage Screen	26		et):
PO Number:			CASTILLO	WH-V	Weekend / Holiday	weekend analysis needs.	Spore rap An	ficroso ative Sp	Surfac	Surfac	sle Air	tain & (me Filt	cteria ray – S	[일	s Analysis	ecify to
Sample ID	Description		Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)	Fungi – Spore Trap / Spore Trap Analysis	Direct Microscopic Exam (Qualitative) Quantitative Spore Count Direct Exan	1-Media Surface Fungi (Genus ID	2-Media Surface Fungi (Genus ID 3-Media Surface Fungi (Genus ID	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Coults (Culturable Air & Surface Legionella culture Total Coliform F. coli (Presence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism): QuantiTray – Sewage Screen	Asbestos Analysis	Asbestos	PCR (specify test):
TAR -	CHU-ASBBUKZIB-10	1514	B	51D	, , , , , , , , , , , , , , , , , , , ,	(///// (///// (///// (/////////////////				$\exists \Box$			1-1-	╁┼		X	-
PAPER	CILL-ASBBIKBIC-10		1	14						붊				╬		X	╬
ROTING	CHIL-ASBPLK32A-1									붜			┵┃┖╌┃┖ ┰┃┍╼┰┃┍	 		<u>区</u>	#
	CHU-ASBBUX32B-1	01514								井			♪ └─- └ -	 - 		Z C	╬
	CML-ASBBUX32C-10	21214								井片		╣╬	<u> </u>	╬			##
PLYSTER.	CHU-ASBBIK 33A+1	7151U	+	1								<u>- - -</u>			-		#
4	CHL-ASBEK338-10	YOU		5 1						뷬불				4			44
	CML-ASBBLK33C-10			# J-						뷬볼				##	- 1/		井
Buscie	CILL-ASBBUK321A-									뷬블				##	<u> </u>		44
										쁘		<u> </u>		44	2 /		44
Beick	CHU-ASBBUX 34B.	10151	1							ᆀᆜ				44	1		44
DECK	CHU-ASBBUX35A-	10151	4													<u> </u>	
	OMEN E TIPE CORTO												····				
BC - BioCasse	SAMPLE TYPE CODES ette TM ST – Spore Trap: Zefon,	T-Tap	ne D-Dust		RELINQUISHED BY		TIME				EIVED	BY		-	DATE	& TIN	/E
A1S - Anderso	Of Opera Hap: Estati,	SW S		-	3/42)/	10/16/14	600	1	ti	XX	-	-		1			

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CP - Contact Plate

SAS - Surface Air Sampler

A1S - Anderson

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NP - Non-Potable Water

Allergenco, Burkard ...

P - Potable Water

SW - Swab B-Bulk

O - Other:

SO - Soil

W	eather	Fog	Rain	Snow	Wind	Clear
	None					
-	Light					ì
eve	Moderate					ĻÆI
Ľ	Heavy					

DEAL	IEC.	SERVICES	
VE/A	JES	SEKAICES	
	. 1	 	

BioCassette™ Andersen, SAS, Swab,

Water, Bulk, Dust, Soil, Contact Plates

Non-Culturable

Spore

Trap

Tape

Swab

Bulk

(Use checkboxes below) Culturable

Other Requests

								.1												_ ا			
		CON		CT INFORMA				Ш		١					1_					7400	2		
Company:	MOEQ		Ad	dress: 55195	5 V#	s.41 MOETH,CAU	KT, M49913								Bacteria)					Count (NIOSH 7400)	3 (5)		
Contact:	AMY KERANEN		Sp	ecial Instructions:	_	James Coc. St.					l	spp.)	spp.)	spp.)	4	1				N) tu	R-93		
Phone:	906-337-0389			TEST UN		FREST POSITIO						g.		ا يو	Surfa		nce)	انت		or Co	69 B		
	PROJECT INFO	RMATION				TURN AROUND TIN	ME CODES (TAT)			ticles	(e)) + Asp.) + Asp.	4+ C	Air 8		/Abse	anism		A F	meth		
Project ID:	31000098				ST	O - Standard (DEFAULT)	Rushes received after 2	11.	S	Other particles	ranii:	l snue	II snue	snue	lirahle		sence	fy arg	anism)	Airhar	(EPA		
Project Description:	ABANDONED MI	Mry us	Si	FS	ND	- Next Business Day	pm or on weekends, will be considered received the		ş١	흔	Xam (ngi (G	ngi (G	ngi (G	S (Cur		oli (Pre	ods)	ify org	Sewage Screen	- I		
Project Zip Code:	49934	Sampling Date & Time:	3 4	0/15/14	SD	- Same Business Day Rush	next business day. Please alert us in advance of		- Spore Trap Analysis	Spore Trap Analysis	Ulrect Microscopic Exam (Qualitative)	1-Media Surface Fungi (Genus ID	2-Media Surface Fungi (Genus ID	3-Media Surface Fungi (Genus ID + Asp.	Gram Stain & Counts (Culturable Air & Surface	alture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):	Cuanti Ital - Sewage Screen Ashestos Analysis - PCM Airhone Fiher	Analysis – PLM (EPA method 600/R-93-116)	rtest):	
PO Number:		Sampled By: N	1.0	ASNUO	WH	- Weekend / Holiday	weekend analysis needs.	 .	- Spoi	Trap /	Micro	lia Sur	fia Surf	lia Sur	Stain	Legionella culture	Colifor	rane F	Bacteri	Illay the An	tos Ar	PCR (specify test):	
Sample ID	Description	n		Sample Type (Below)	TAT (Abov	Total Volume / Area e) (as applicable)	Notes (Time of day, Temp, RH, etc.)]];	Fungi	Spore		1-Mec	2-Mec	3-Mec	Gram	Legio	Total	Memb	MPN Bacte	Aahas	Asbestos	PCR (
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BC - BioCas			Гаре	D - Dust		50AD	7 10/10/14			+		٤	T		- 4				\top		-		

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 Copyright @ 2002-2013 EMLab P&K

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A1S - Anderson SAS - Surface Air Sampler

CP - Contact Plate

CHAIN	OF	CUSTODY	
www.EM	Lab	PK.com	



New Jersey: 3000 Lincoln Drive East, Suite A, Martton, 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

NP - Non-Potable Water

P - Potable Water

1	W	eather	Fog	Rain	Snow	Wind	Clear
ı		None					
	-	Light					
l	evel	Moderate					ш
ı	_	Heavy					

REQU	JESTED	SERVICES

Non-Culturable

Spore

Trap

Tape

Swab

Bulk

(Use checkboxes below) Culturable

BioCassette™ Andersen, SAS, Swab,

Water, Bulk, Dust, Soil, Contact Plates

Other Requests

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	PI	ROJECT INFOR	RMATION		· · · · · · · · · · · · · · · · · · ·	T	T	URN AROUND TIM	E CODES (ΓΑΤ)		particles	(ive)	+As	+Asp.	+As	Asp. s	s i	Absen	mism)			e Fibr	E	
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Project Zip Code:			Sampling Date & Time:		77	SI) – Sa	ame Business Day Rush	next business alert us in a	day. Please	Spore Trap Analysis	Spore Trap Analysis	Direct Microscopio Exam (Qualitative)	1-Media Surface Fungi (Genus ID + Asp	2-Media Surface Fungi (Genus ID	3-Media Surface Fungi (Genus ID + Asp.	Culturable Air Fungi (Genus ID +Asp. spp.)	lfure	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):			POR (specify test): CAAB MGTACD	
PO Number:	:		Sampled By:			W	H-W	Veekend / Holiday	weekend ana	ysis needs.		Trap /	Micros	ia Suri	ia Surf	ia Surf	able Ai	Legionella culture	Solifon	rane Fi	Bacteri	Tray -		specify	
Sample ID		Description			Sample Type (Below)	T A (Abo	AT ove)	Total Volume / Area (as applicable)	Note (Time of day, Te		Fungi	Spore	Direct	1-Med	2-Med	3-Мео	and a	Legior	Total (Memb	MPN	QuantiTray	Ashestos	PCR (
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SO - Soil

SW - Swab

B-Bulk

O - Other:

	TestAmerica Canton Sample Receipt Form/Narrative Login #: <u>U3237</u> Canton Facility
	Client
	Show Traine Short Name
	Cooler Received on Opened on Ol7/1/4 Opened on FedEx: 1 st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other
-	TestAmerica Cooler # Foam Box Client Cooley 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 +2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
	IR GUN# A (CF +2 °C) Observed Cooler Temp.
	IR GUN# 5 (CF 0 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C Cooler Form
-	IR GUN# 8 (CF 0 °C) Observed Cooler Temp. 3.8 °C Corrected Cooler Temp. 3.8 °C
	2. Were custody seals on the outside of the cooler(s)? If Yes Quantity Yes No
	-Were custody seals on the outside of the cooler(s) signed & dated? Were custody seals on the heatle(s)?
	-Were custody seals on the bottle(s)? 3. Shippers' packing slip attached to the cooler(s)? Yes (No) (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. Did all bottles arrive in good condition (Unbroken)? 7. Condition (Unbroken)?
	7. Could all bottle labels be reconciled with the COC? 8. Were correct bottle(s) used for the test(s) indicated? Yes No
	9. Sufficient quantity received to perform indicated analyses? Yes No
	10. Were sample(s) at the correct pH upon receipt? Yes No (NA pH Strip Lot# HC412469)
	11. Were VOAs on the COC? Yes (No)
	12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
	13. Was a trip blank present in the cooler(s)? Yes To
-	Contacted PM KMS Date 1017/14 by via Verbal Voice Mail Other
	Contacted PM KMCS Date O 17/1 by via Verbal Voice Mail Other Concerning
1	
	14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:
100	Beceived 2 Sets of Samples Labeled as 23A, 23B 23C.
	There is a serie of sorphise crocker as a shows, as a
	Set I 234 Orange Brown Set 2 234 Black Green midel
	238 Brown 23B White Fiber
ļ	23C Black 23C Fiberalass
ļ	
	Pec Client Tostructions will log Set I as 234 238 236
-	and log set 2 as 374 378 376, see attacked
İ	email.
ļ	Did not receive. 24B, 24C on COC.
1	15. SAMPLE CONDITION
-	Sample(s) were received after the recommended holding time had expired.
	Sample(s) were received after the recommended northing 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
1	Sample(s) were further preserved in the laboratory.
	Time preserved: Preservative(s) added/Lot number(s):
1	

North Centon, QH 44720







Chain of Custody Record

<u>TestAmerica</u>

Phone (330) 497-9396 Fax (\$30) 497-0772				•											-1-7-		, 4		THE * FÁCICS IN	PROTESTA	DAITEST JATE	1.0
Client Information (Sub Contract Lab)	Samplinn	*****	· = 1 · · · · · · · · · · · · · · · · ·		ab PM:				_				Carr	ker Tra	cking N	O(5).	—		COC No:		A SAT (ESIME?	Ŋ_
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4101 Shuffel Street NW North Canton, OH 44720 Phone (330) 497-9396 Fee

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TestAmerica Canton

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TestAmerica Canton

4101 Shuffel Street Nyv North Canton, OH 44720 Phone (330) 497-9396 Fax (330) 497-0772

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