



Environmental Resources Group

28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

August 16, 2013

Ms. Jennifer Hall
Executive Director
Ann Arbor Housing Commission
404 N. Ashley
Ann Arbor, Michigan 48103

**Re: Lead Based Paint Hazard Abatement and Clearance
Unit # 408, Kitchen Floor
Miller Manor
727 Miller Avenue, Ann Arbor, Michigan
ERG Project 1154.001**

Dear Ms. Hall,

Environmental Resources Group, LLC (ERG) has completed the Lead Based Paint Hazard Abatement and Clearance for the referenced property in Ann Arbor, Michigan.

ERG contracted Environmental Maintenance Engineers (EME [a State of Michigan Licensed Lead Abatement Contractor]) to abate the identified lead based paint hazard and American Environmental Consultants (AEC [a State of Michigan Certified Lead Inspector/Risk Assessor]) to perform the clearance work.

The Lead Hazard was abated by EME on July 15, 2013. Subsequent to the abatement work, AEC performed a Lead Hazard Clearance. The results of the Lead Hazard Clearance indicated that the abatement work was adequate to address the identified Lead Hazard.

Please refer to the attached EME Abatement Closeout Documents and AEC Lead Hazard Clearance report for details and analytical results.

Thank you for the opportunity to provide this service to you. If you have any questions, please contact us at 248-773-7986.

Sincerely,
ENVIRONMENTAL RESOURCES GROUP, LLC

Andrew J. Foerg, CPG
Senior Project Manager

Enclosures

This is to certify that

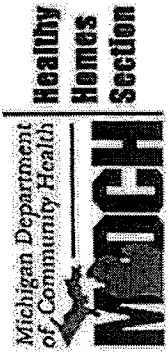
Environmental Maintenance Engineers, Inc.

has satisfactorily met the requirements of the Michigan Lead Abatement Act of 1998,
and is hereby recognized as a

LEAD ABATEMENT CONTRACTOR

Contractor number **C-00030**

This certification entitles the named persons to the rights and privileges afforded by the Act, as well
as the authority to perform regulated lead-based paint activities in the State of Michigan
until December 31, 2013.



Wesley F. Peirson

Manager, HHS

October 19, 2012

United States Environmental Protection Agency



This is to certify that

Environmental Maintenance Engineers, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.89

In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories

This certification is valid from the date of issuance and expires June 23, 2015

NAT-57748-1

Certification #

June 10, 2010

Issued On

Michelle Price

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch





NOTIFICATION OF LEAD ABATEMENT ACTIVITY

Any [firm] conducting lead-based paint [abatement] activities in the state of Michigan must notify the department of that activity **not less than three (3) business days prior to its commencement**, as required by '333.5472 of the Michigan Lead Abatement Act of 1998, as amended. **EME Job #: 13-358**

ALL INFORMATION IS REQUIRED. Incomplete notifications will not be approved.

1	Notification Date: month date year 7 / 9 / 2013	If sending a revision, give revision #:
2	Contractor Name: Environmental Maintenance Engineers, Inc.	MI Certification #: C-0030
	Phone #: 313.791.2600	Contact Person: Michael Kelly
	Certified Lead Supervisor for this project: Jason Hayes Sheen	MI Certification #: P-00036
3	Lead-based paint was identified by: <input checked="" type="checkbox"/> Risk Assessor <input type="checkbox"/> Inspection <input type="checkbox"/> Assumed	
	Inspector/Risk Assessor Name: Environmental Resources Group, LLC	MI Certification #: P-
	Housing Agency: Ann Arbor Housing Commission	
	Agency Contact Person Name: Andy Foerg	Phone #: 248.763.3639
	<i>Detail scope of work and identify abatement work areas:</i>	
	SCOPE OF WORK:	<input checked="" type="checkbox"/> Interior <u>Clean-up some lead dust in Kitchen Unit #408</u> <input type="checkbox"/> Exterior <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure <input type="checkbox"/> Component Removal <input type="checkbox"/> Paint Removal <input type="checkbox"/> Soil
4	Building Owner: Ann Arbor Housing Comm	Owner Phone #:
	Project / Site Address: Miller Manor, 727 Miller Rd	City: Ann Arbor Zip:
	Occupancy Status (check all that apply):	
	<input checked="" type="checkbox"/> OCCUPIED (Includes temporary relocation)	<input type="checkbox"/> VACANT (Abandoned)
	<input type="checkbox"/> Single-family <input checked="" type="checkbox"/> Multi-family <input type="checkbox"/> Child care facility	<input type="checkbox"/> Public or private school <input checked="" type="checkbox"/> Rental <input type="checkbox"/> Owner occupied <input type="checkbox"/> Other: _____
	An Occupant Protection Plan has been prepared by the following certified lead professional: Michael Kelly	MI Certification #: P-00096
5	Start Date: July 15, 2013	Ending Date: July 15, 2013
	Scheduled work hours: 8:00am <input type="checkbox"/> am <input type="checkbox"/> pm to 4:00pm <input type="checkbox"/> am <input type="checkbox"/> pm <input type="checkbox"/> Weekends included	

1. Complete Form
2. Return to HHS at least three (3) business days prior to the commencement of work

MAIL or FAX to:
 MDCH – Healthy Homes Section
 P.O. Box 30195
 Lansing, MI 48909
 Attn: Compliance Officer
FAX: 517-335-8800

TX Result Report

P 1
07/10/2013 06:06
Serial No. AOED012003492
TC: 278249

Addressee	Start Time	Time	Prints	Result	Note
MDCH	07-10 06:04	00:01:58	001/001	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FDD: Forward, PC: PC Fax, BND: Double-Sided Binding Direction, SP: Special Original, FCODE: F-code, RTX: Re-TX, RLX: Relay, MBX: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax, I-FAX: Internet Fax

Result OK: Communication OK, S-OK: Stop Communication, PW-OFF: Power Switch OFF, TEL: RX from TEL, NG: Other Error, Cont: Continue, No Ans: No Answer, Refuse: Receipt Refused, Busy: Busy, M-Full: Memory Full, LOVR: Receiving length Over, POVR: Receiving page Over, FIL: File Error, DC: Decode Error, MDN: MDN Response Error, DSN: DSN Response Error.



NOTIFICATION OF LEAD ABATEMENT ACTIVITY

Any [firm] conducting lead-based paint [abatement] activities in the state of Michigan must notify the department of that activity not less than three (3) business days prior to its commencement, as required by 333.6472 of the Michigan Lead Abatement Act of 1998, as amended. XXXXXXXXXX 13-358

ALL INFORMATION IS REQUIRED. Incomplete notifications will not be approved.

1	Notification Date: month: date year 7 / 9 / 2013	If sending a revision, give revision #:
2	Contractor Name: Environmental Maintenance Engineers, Inc. Phone #: 313.791.2600	MI Certification #: C-0030 Contact Person: Michael Kelly
3	Certified Lead Supervisor for this project: Jason Hayes Sheen MI Certification #: P-00036	Lead-based paint was identified by: <input checked="" type="checkbox"/> Risk Assessor <input type="checkbox"/> Inspection <input type="checkbox"/> Assumed Inspector's (or Assessor's) name: Environmental Resources Group, LLC MI Certification #: P- Housing Agency: Ann Arbor Housing Commission Agency Contact Person Name: Andy Foerg Phone #: 248.763.3639
4	Building Owner: Ann Arbor Housing Comm Project / Site Address: Miller Manor, 727 Miller Rd City: Ann Arbor Zip: Occupancy Status (check all that apply): <input checked="" type="checkbox"/> OCCUPIED x (includes temporary relocation) <input type="checkbox"/> VACANT (Abandoned) <input type="checkbox"/> Single-family <input checked="" type="checkbox"/> Multi-family <input type="checkbox"/> Child care facility <input type="checkbox"/> Public or private school <input checked="" type="checkbox"/> Rental <input type="checkbox"/> Owner occupied <input type="checkbox"/> Other:	Owner Phone #: Detail scope of work and identify abatement work areas: Clean-up some lead dust in Kitchen Unit #408
5	Start Date: July 15, 2013 Scheduled work hours: 8:00am to 4:00pm <input type="checkbox"/> am <input type="checkbox"/> pm <input type="checkbox"/> Weekends included	Ending Date: July 15, 2013 MI Certification #: P-00095

1. Complete Form
2. Return to HHS at least three (3) business days prior to the commencement of work

MAIL or FAX to:
 MDCH - Healthy Homes Section
 P.O. Box 30195
 Lansing, MI 48909
 Attn: Compliance Officer
FAX: 517-335-8800

Michigan Department of Community Health
 Division of Environmental and Occupational Epidemiology

Lead Hazard Remediation Program # 13-258

All abatement projects must not be started before an occupant protection plan specific to the structure is developed by a Michigan certified Abatement Project Designer or Abatement Supervisor. The plan shall describe measures and management procedures that shall be taken to protect the building occupants. (Michigan Rule No. 325.9917 (4) (a) & (b))

Occupant Protection Plan

Company: ENVIRONMENTAL MAINTENANCE MILLER MANOR ENGINEERS INC Property Address: 727 MILLER RD #408 ANN ARBOR MI 48104

Work will begin on (abatement start date): 7/15/13 Work will end on (abatement end date): 7/15/13

Work will be under the control of: (list certified supervisors) JASON HAYES SWEET

The residents will be relocated until the work is completed and clearance has been achieved.

OR

The residents will be restricted from work areas until clearance is confirmed by using the following methods:

Work Area	Method of restricting access
Kitchen	Seal all kitchen access w/ poly walls, caulk, & sign

The following work practices and engineering controls will be used to minimize contamination in the residence

- Work area containment Wet methods Decontamination and final cleaning Encapsulation
 Other (describe)

Clear lead dust from kitchen floor

Acknowledgement (Optional)

This occupant protection plan has been reviewed by the undersigned occupant or owner and all parties agree to the conditions set forth to protect occupants from lead-based paint exposure.

Occupant Owner Name (Please Print) Date Signature
 MICHAEL KELLY P00096 7-10-13 [Signature]
 Contractor Name (Please Print) Date Signature

Michigan Department of Community Health
 Division of Environmental and Occupational Epidemiology
 Lead Hazard Remediation Program

13-35P

Abatement Report

A certified supervisor or project designer shall prepare an abatement report at the completion of each abatement activity in accordance with Michigan Rule No. 325.9917 (9) (a) through (f). The report shall be retained by the preparer for not less than 3 years and provided to the building owner in accordance with R 325.9921 (3).

Company: ENVIRONMENTAL MAINTENANCE ENGINEERS, INC Property Address: MILLER MANOR, 727 MILLER RD, UNIT 408 ANN ARBOR, MI, 48104
 Start date: 7-15-13 End date: 7-15-13 Prepared by: MICHAEL L. KELLY Professional ID# P-00096

1. Worker names and Addresses: (List or attach contractor daily logs)

Worker	Address
JASON HAYES SWEEN P-00036	

2. Occupant protection plan (prepared before work started if residence is occupied) (Attach O.P. Plan)

SEE ATTACHED

3. Name, address, signature of each certified risk assessor or inspector conducting clearance sampling and the date of clearance testing. (Attach Risk Assessor/Laboratory Chain of Custody form)

OWNER REP - ENVIRONMENTAL RESOURCES GROUP, LLC FOR DEVELOPER

4. The results of clearance testing and all soil analyses, if applicable, and the name of each recognized laboratory that conducted the analyses. (Attach Laboratory report)

OWNER REP - ENVIRONMENTAL RESOURCES GROUP LLC

5. Abatement methods used. (From specifications, project reports, etc) (Describe or attach)

3 PHASE CLEANING PROCEDURES INCLUDING HEPA VACUUMING, WET WIPING, MOPPING & WET CLEANING ALL HORIZONTAL SURFACES AS DIRECTED

6. Components & locations where abatement occurred. (Describe or attach bid specs, change orders, etc)

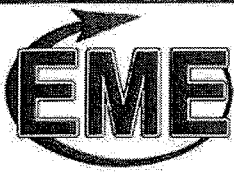
KITCHEN UNIT #408

7. Reason for selecting particular abatement methods for each component. (describe or attach document)

- Specified as project scope Defined by contract documents Ordered by an agency
 Risk assessment recommendations Other (Describe)

8. Any suggested monitoring of encapsulants or enclosures. (describe and/or attach product technical data)

OWNER REP ERG HAS WVD REQUIRED Wipe sampler



**ENVIRONMENTAL
MAINTENANCE
ENGINEERS, INC.**

25851 Trowbridge St., Inkster, MI 48141
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: S M T W T F S 7-15-13	Job #: 13-358
Week Ending Date: 7-21-13	Job Name: Ann Arbor Housing
Truck #/Driver: Personal	ACM / Mold <u>Lead</u> Other
Work Area: 408 Miller + #1725 Green	

Daily Construction Report

General Work Description:	The type of abatement conducted:	Set-up procedures conducted:
Y N n/a	Y N n/a	Y N n/a
ACM Pipe/Fitting	Removal	Signs/Banner Tape <input checked="" type="checkbox"/>
ACM Boiler/Tanks/Breeching	Encapsulation	Criticals Set-up <input checked="" type="checkbox"/>
ACM Acoustical Ceiling	Patch/Repair	Full/Mini Enclosure
ACM Ceiling Tiles/Glue Pods	Glove-bag Removal	Plywood 2"x4" Structures
VAT Mastic Carpet	Enclosure	AFD's Set-up Vented
Transite Siding/	Removal/Replacement	Isolation of HVAC system <input checked="" type="checkbox"/>
Insulation/Vermiculite	LBP Removal Chemical	Poly Walls Floors Drops
Lead Based Paint <input checked="" type="checkbox"/>	LBP HEPA Power Tools	Portable/Full Decon Chamber
Mold Remediation	Dry Ice Blasting	Water System Set-up
Industrial/Universal Waste	Aggressive Hand Cleaning	Electric GFCI's/Temp. Panel <input checked="" type="checkbox"/>
Other	Selective Demolition	Scaffold/Bakers/5'x7'/Manlift

Personal protective equipment:	Clean-up activities:	Inspections:
Y N n/a	Y N n/a	# of Neg. Air Machines Y N n/a
Respiratory protection <input checked="" type="checkbox"/>	Gross/Final Clean-up <input checked="" type="checkbox"/>	Barriers Intact And Sound <input checked="" type="checkbox"/>
Half-Face/Full-Face/PAPR's <input checked="" type="checkbox"/>	Load Out Activities <input checked="" type="checkbox"/>	DECON/Shower Inspection
Disposable Suits <input checked="" type="checkbox"/>	Surfactants/Ledizolv <input checked="" type="checkbox"/>	Employee PPE Used <input checked="" type="checkbox"/>
Steel Toe/Rubber Boots <input checked="" type="checkbox"/>	Wet Methods IAQ Shockwave	Electrical Safety In Place <input checked="" type="checkbox"/>
Gloves Rubber/Cotton <input checked="" type="checkbox"/>	HEPA Vacuum Sequence <input checked="" type="checkbox"/>	OSHA Inspection Site Review
Safety Glasses/Full Face	All Equip./Tools Cleaned	Consultant/EME Monitoring <input checked="" type="checkbox"/>
Hard hats/Hearing Protection	Final Lockdown	Consultant/Supervisor Visual <input checked="" type="checkbox"/>
Fall Protection	Work Area Teardown <input checked="" type="checkbox"/>	Personnel Decontaminated <input checked="" type="checkbox"/>
Scaffold Safety Rails/Manlift	Final Worksite Walk-Thru <input checked="" type="checkbox"/>	Work Area Inspected/Secure <input checked="" type="checkbox"/>

Consultant Firm: Matt - A.E.C. Visual/Testing: _____
 Representative Name: _____ Accreditation Number: _____

Comments:

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor: J. Hayes-Sheen	10036	S	7:00	12:00	12:30	3:30	8	JHS

Safety Issues:	Asbestos Waste		Dumpster	EME	Onsite
	--Friable--	-- Non-Friable --			
	Bags	Bags			Status of Job
	Drums	Drums			Project On-going - someone to return
	Bundles	Bundles			Note:
					<input checked="" type="checkbox"/> Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.
 Signature: JHS

Certificate Number: 134828 - 918

ETC Training Services Group

38900 W. Huron River Drive
Romulus, MI 48174-1159
(734) 955-6600

PRESENTS

Jason Hayes-Sheen

SS#:

with certification for having successfully completed the 8 hour/1 day which meets the requirements for

Lead Abatement Supervisor Refresher Training Course

In accordance with the requirements of 40 CFR 745.225, (d); HUD Guidelines for Lead Supervisors

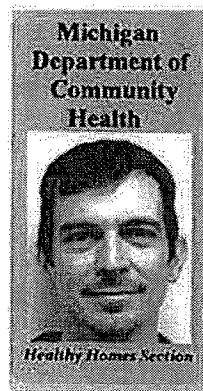
Course Dates: March 1, 2011

6 months - 3rd Party Exam Eligibility Testing Valid Through: September 1, 2011

(3 years) Training Valid Through: March 1, 2014


Trainer


ETC President



Jason Hayes-Sheen

Lead Supervisor

Cert. number **P- 00036**

Annual fee due by March 31, 2014

Appropriate refresher training and exam must be taken to renew this certification before March 31, 2014

Certificate Number: N-1-28484-10 - 2759



ETC Training Services Group

38900 W. Huron River Drive
Romulus, MI 48174-1159
(734) 955-6600

PRESENTS

Jason H. Sheen

19155 Lexington
Redford, MI 48240
SS#: ***-**-7332

with certification for having successfully completed the 8 hours/day which meets the requirements for

Certified Renovator Initial Training Course

*40 CFR 745.90(a) - [EPA] Renovator Certification:
Lead Safety for Renovation, Repair, and Painting;
24 CFR 35.1330 - [HUD] Guidelines for Interim Controls, Remodeling, and Renovation;*

Course Dates: March 6, 2010

Maest Duran
Trainer

Inacy Watcott
ETC President

LEAD HAZARD CLEARANCE

FOR

**ENVIRONMENTAL RESOURCES GROUP LLC.
28003 CENTER OAKS COURT, SUITE 106
WIXOM, MICHIGAN 48393**

AT

**MILLER MANOR
727 MILLER AVE.
ANN ARBOR, MICHIGAN 48103**

PREPARED BY:

**AMERICAN
ENVIRONMENTAL
CONSULTANTS, LLC**

**12838 GAVEL
DETROIT, MICHIGAN 48227
OFFICE: 313-491-2600
FAX: 313-491-2601**

**PROJECT NUMBER
1449-13004**



Table of Contents

1	<u>General Provisions</u>
1.1	Introduction
1.2	Purpose
2	<u>Sampling Procedures</u>
2.1	Laboratory
2.2	Soil Sampling
2.3	Dust Wipe Sampling
3	<u>Results</u>
3.1	Scope Of Work
3.2	Visual Inspection
3.3	Regulatory Standards
3.4	Analytical Results
4	<u>Conclusions</u>
4.1	Conclusions

APPENDICES

LABORATORY RESULTS.....	APPENDIX A
SITE MAPS AND SAMPLE LOCATIONS.....	APPENDIX B

1 GENERAL PROVISIONS

1.1 Introduction

Matt Rodgers, of American Environmental Consultants (AEC), LLC performed a lead hazard clearance inside unit 408 at Miller Manor in Ann Arbor, Michigan on July 15, 2013. Mr. Rodgers is a certified Lead Inspector and Risk Assessor through the Michigan Department of Community Health, Certification Number P-04247. The owner of this property is The Ann Arbor Housing Commission which is located inside the miller manor property and can be reached at 734-794-6720.

1.2 Purpose

The purpose of this lead hazard clearance is to determine if the work that was performed at the residence referenced above was done in a complete and thorough manner and that the lead hazard no longer exists at the time of the clearance for the areas stated in the report.

1.3 Contractor

The lead hazard correction activities were performed by Environmental Maintenance Engineers, Inc located at 25851 Trowbridge St in Inkster, MI 48141; Phone (313)791-2600 on 7/15/13. The contractor had performed activities and utilized approved hazard elimination techniques in accordance with all State of Michigan and HUD Guidelines to eliminate the hazard.

2 SAMPLING PROCEDURES

2.1 Laboratory

All samples for the clearance were analyzed by the Accurate Analytical Testing LLC located at 12950 Haggerty Rd in Belleville, MI 48111 Phone (734) 699-5227. The laboratory participates and is accredited in the American Industrial Hygiene Association (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP) and performs quality control rounds.

2.2 Soil Sampling

Soil samples were collected if lead hazard elimination work took place in areas with soil that has or could potentially have elevated levels of lead due to the work performed. Samples were collected from the upper 1/2 inches of soil and were analyzed by an EPA-approved laboratory. Results were reported in parts per million of sampled soil (ppm).

2.3 Dust Wipe Sampling

Dust wipe samples, were collected according to HUD Guidelines and Michigan Lead Hazard Remediation Program (LHRP) requirements in each area where lead hazard elimination was performed. Sample collection protocol is as follows:

- An area located on the surface to be sampled was measured (between 0.1 ft² and 2 ft²) and marked.
- A single approved sampling wipe (disposable towelette) was opened with a gloved hand and wiped across the sampling area in a series of S patterns. Composite dust wipe samples are prohibited in Michigan.
- The wipe was then placed into an airtight container labeled with the site location identification, sample location and size of area sampled.
- Samples were analyzed by an EPA- approved laboratory, and results were reported in micrograms per square foot (µg/ft²).

3 RESULTS

3.1 Scope of Work

The scope of work inside unit 408 at Miller Manor was to correct the lead in dust hazard on the floor in the kitchen using interim control methods. The floor and all other lateral surfaces such as the counter tops and tops of appliances were cleaned in preparation for final clearance testing.

3.2 Visual Inspection

On July 15, 2013 at inside unit 408 at Miller Manor, the visual inspection of the areas and surfaces referenced above were all deemed adequately clean and for final clearance testing.

3.3 Regulatory Standards

EPA guidelines and HUD clearance guidelines for LBP hazard are:

Bare soil (play areas)	equal to or exceeding 400 parts per million (ppm) lead
Bare soil (other)	equal to or exceeding 1200 ppm lead
Dust hazard (floors)	equal to or exceeding 40 micrograms per square foot of sampled surface area (µg/ft ²)
Dust hazard (window sill)	equal to or exceeding 250 µg/ft ²
Dust Hazard (window trough)	EPA: No level defined; Michigan LHRP: 400 µg/ft ² lead

If any of the clearance samples are above the regulatory standards the area is to be re-cleaned and clearance sampling repeated.

3.4 Analytical Results

Detailed sample results, sample locations, and field notes are located in:

- Appendix A for Laboratory Results
- Appendix B for Site Maps and Sample Locations
- Appendix C for Field Notes

The following table below describes the clearance samples that were taken for the lead clearance on July 15, 2013

Sample Number	Sample Location/Component	Type of Sample	Surface Type and Area	Laboratory Results	Pass or Fail
W-1	KIT- NEAR DOOR	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-2	KIT- NEAR FRIDGE	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-3	LIV	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-4	LIV	Wipe	Window sill 0.67 Sq Ft	< 15 µg/ft ²	Pass
FB	FIELD BLANK	Wipe	N/A	N/D	Pass

On July 15, 2013, the lead dust wipe samples taken from the floor in the kitchen near the door, the floor in the kitchen near the fridge, the floor and window sill in the living room and also the field blank were all below the EPA Regulatory Limit.

4 CONCLUSIONS

The work that was performed in the referenced residence passed the visual and clearance requirements of the State of Michigan Lead Hazard Remediation Program and the HUD guidelines. No re-sampling is required.



AMERICAN
ENVIRONMENTAL
CONSULTANTS, L.L.C.

ERG
Miller Manor
727 Miller Ave.
Ann Arbor, MI
July 15, 2012
Project Number: 1459-13004

The information in this report is true and accurate representation of the clearance sampling at the time of the sampling based on the professional judgment of:

Matt Rodgers
MI Certified Lead Inspector/Risk Assessor
Certification Number: P-04247

7-25-13

Date

Appendix A

Laboratory Results



ACCURATE
ANALYTICAL TESTING LLC

12950 Haggerty Road
Belleville, MI 48111
Ph: (734) 690-labs; Fax: (734) 699-8407

Certificate of Analysis: Lead in Dust Wipe by NIOSH Method 7082

Client: American Environmental Consultants, LLC
12838 Gavel
Detroit, MI 48232

Attn: Jeff Fox
Phone: 313-491-2600

Email: jfox@aecmi.net
Fax: 313-491-2601

AAT Project: 158247
Sampling Date: 07/16/2013
Date Received: 07/18/2013
Date Analyzed: 07/19/2013
Date Reported: 07/19/2013
Analyst: Ranjana Vatecha

Project Location: 408 MILLER
Client Project: 408 MILLER

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq Ft)	Results Lead ug/R2 *
1580233	1	KIT-NEAR DOOR FL	12	12	1.00	<10.00
1580234	2	KIT-NEAR FRIDGE FL	12	12	1.00	<10.00
1580235	3	LIV FL	12	12	1.00	<10.00
1580236	4	LIV WS	4	24	0.87	<15.00
1580237	FB	FIELD BLANK	N/A	N/A	N/A	ND

Ranjana Vatecha

Analyst Signature

ND=Not Detected, N/A Not Available, RL Reporting Limit, Analytical Reporting Unit is 10ug/sample. * For low values assume (2) significant figures. The method and batch QC is acceptable unless otherwise stated. EPA HUD Regulatory Limits: 40 ug/R2 (Floors, Carpets, Carpets, 259 ug/R2 (Window Sills/Steps), 400 ug/R2 (Window Trough, Window Casework Surfaces) The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AHA and NY State DOH ELAP programs. These results are submitted pursuant to AAT LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as



AHA ELAP, Lab ID #100988, NY State DOH ELAP Lab ID #11584, State of OH - Lab ID # 10912

Date Printed: 07/19/2013 12:03PM

AAT Project: 158247

Revised



ACCURATE
ANALYTICAL TESTING LLC

12950 Haggerly Road
Boleville, MI 48111
Ph:(734) 699-4665; Fax:(734) 699-8407

To: American Environmental Consultants, LLC
12838 Gavel
Detroit, MI 48232

AAT Project : 158247
Client Project : 406 MILLER
Date Reported : 07/19/2013

Attn: Jeff Fox

Email: jfox@aecmi.net
Phone: 313-481-2600

Project Location : 406 MILLER

Sample	Client Code	Analysis Requested	Completed
1580233	1	Dust Wipe	07/19/2013
1580234	2	Dust Wipe	07/19/2013
1580235	3	Dust Wipe	07/19/2013
1580236	4	Dust Wipe	07/19/2013
1580237	FB	Dust Wipe	07/19/2013

Reviewed By

Quality Assurance Coordinator - Robert A Theys

This report is intended for use solely by the individual or entity to which it is addressed. It may contain information that is privileged, confidential and otherwise exempt by law from disclosure. If the reader of this information is not the intended recipient or an employee or its intended recipient, you are hereby notified that any dissemination, distribution or copying of this information is strictly prohibited. If you have received this information in error, please notify AAT immediately. Thank you.

AHA ELAP- Lab ID #101266, NY State DOH ELAP- Lab ID #11884, State of Ohio- Lab ID # 10342



Date Printed: 07/19/2013 12:03PM

AAT Project: 158247

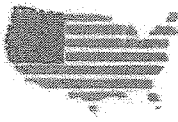


AMERICAN
ENVIRONMENTAL
CONSULTANTS, L.L.C.

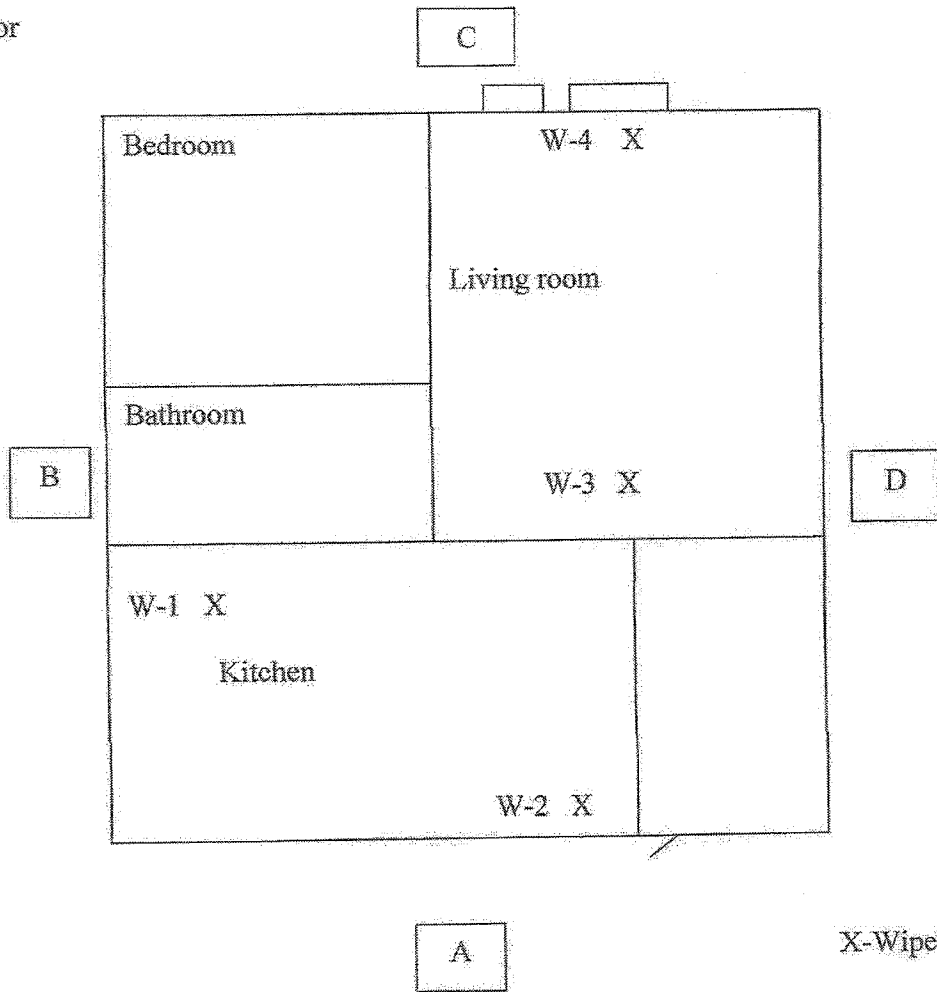
ERG
Miller Manor
727 Miller Ave.
Ann Arbor, MI
July 15, 2012
Project Number: 1459-13004

Appendix B

Site Maps and Sample Locations



Miller Manor
Unit 408





Environmental Resources Group

28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

August 16, 2013

Ms. Jennifer Hall
Executive Director
Ann Arbor Housing Commission
404 N. Ashley
Ann Arbor, Michigan 48103

**Re: Lead Based Paint Hazard Abatement and Clearance
Unit # 1725, Basement Floor
Green Baxter Court
1737 Green Road, Ann Arbor, Michigan
ERG Project 1155.001**

Dear Ms. Hall,

Environmental Resources Group, LLC (ERG) has completed the Lead Based Paint Hazard Abatement and Clearance for the referenced property in Ann Arbor, Michigan.

ERG contracted Environmental Maintenance Engineers (EME [a State of Michigan Licensed Lead Abatement Contractor]) to abate the identified lead based paint hazard and American Environmental Consultants (AEC [a State of Michigan Certified Lead Inspector/Risk Assessor]) to perform the clearance work.

The Lead Hazard was abated by EME on July 15, 2013. Subsequent to the abatement work, AEC performed a Lead Hazard Clearance. The results of the Lead Hazard Clearance indicated that the abatement work was adequate to address the identified Lead Hazard.

Please refer to the attached EME Abatement Closeout Documents and AEC Lead Hazard Clearance report for details and analytical results.

Thank you for the opportunity to provide this service to you. If you have any questions, please contact us at 248-773-7986.

Sincerely,
ENVIRONMENTAL RESOURCES GROUP, LLC

Andrew J. Foerg, CPG
Senior Project Manager

Enclosures

This is to certify that

Environmental Maintenance Engineers, Inc.

has satisfactorily met the requirements of the Michigan Lead Abatement Act of 1998,
and is hereby recognized as a

LEAD ABATEMENT CONTRACTOR

Contractor number **C-00030**

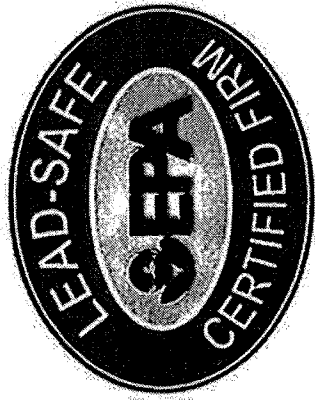
This certification entitles the named persons to the rights and privileges afforded by the Act, as well
as the authority to perform regulated lead-based paint activities in the State of Michigan
until December 31, 2013.



Wendy F. Pacion
Manager, HHS

October 19, 2012

United States Environmental Protection Agency



This is to certify that

Environmental Maintenance Engineers, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.89

In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories

This certification is valid from the date of issuance and expires June 23, 2015

NAT-57748-1

Certification #

June 10, 2010

Issued On

Handwritten signature of Michelle Price.

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/27/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Griffin, Smalley and Wilkerson, Inc. 37000 Grand River Avenue PO Box 2999 Farmington Hills MI 48333-2999	CONTACT NAME: Carolyn Belcher PHONE (A/C No. Ext): (248) 471-0970 E-MAIL ADDRESS: CBelcher@gswins.com	FAX (A/C No.): (248) 471-0641
	INSURER(S) AFFORDING COVERAGE	
INSURED Environmental Maintenance Engineers, Inc. 25851 Trowbridge Inkster MI 48141	INSURER A: Nautilus Insurance Company	NAIC # 17370
	INSURER B: Travelers Prop & Cas Co. of Am	25674
	INSURER C: Great Divide Insurance Company	25224
	INSURER D: Nautilus Insurance Company	17370
	INSURER E:	
INSURER F:		

COVERAGES CERTIFICATE NUMBER: 12-13 Liab. REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL. SUBR. INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					EACH OCCURRENCE \$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		ECP200393001	10/1/2012	10/1/2013	MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> Contractor's Pollution					PERSONAL & ADV INJURY \$ 2,000,000
	<input checked="" type="checkbox"/> Professional Liability					GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO. JECT <input type="checkbox"/> LOC					\$
B	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO					BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS	BA0135C519	10/1/2012	10/1/2013	BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS				PROPERTY DAMAGE (Per accident) \$
						Uninsured motorist combined \$ 1,000,000
D	UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR				EACH OCCURRENCE \$ 3,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE	FFX200824000	03/26/2013	10/01/2013	AGGREGATE \$ 3,000,000
	DED	RETENTION \$				\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y/N	N/A			E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below		WCA153866711	10/1/2012	10/1/2013	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER **CANCELLATION**

Environmental Maintenance Engineers, Inc. 25851 Trowbridge Inkster, MI 48141	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Patrick Williams/CTB <i>Patrick E. Williams, CFC</i>
--	---

TX Result Report

P 1
07/10/2013 06:08
Serial No. AOEDD12003492
TC: 278250

Addressee	Start Time	Time	Prints	Result	Note
MDCH	07-10 06:06	00:01:59	001/001	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax, BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX, RLY: Relay, MBX: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax, I-FAX: Internet Fax

Result OK: Communication OK, S-OK: Stop Communication, PW-OFF: Power Switch OFF, TEL: RX from TEL, NG: Other Error, Cont: Continue, No Ans: No Answer, Refuse: Receipt Refused, Busy: Busy, M-Full:Memory Full, LOVR:Receiving length Over, POVR:Receiving page Over, FIL:File Error, DC:Decode Error, MDN:MDN Response Error, DSN:DSN Response Error.



NOTIFICATION OF LEAD ABATEMENT ACTIVITY

Any [firm] conducting lead-based paint [abatement] activities in the state of Michigan must notify the department of that activity not less than three (3) business days prior to its commencement, as required by 333.5472 of the Michigan Lead Abatement Act of 1998, as amended. 13-358a

ALL INFORMATION IS REQUIRED. Incomplete notifications will not be approved.

1	Notification Date: month: <u>7</u> / date: <u>9</u> / year: <u>2013</u>	If sending a revision, give revision #:
2	Contractor Name: Environmental Maintenance Engineers, Inc. Phone #: 313.791.2600	MI Certification #: C-0030 Contact Person: Michael Kelly
3	Certified Lead Supervisor for this project: Jason Hayes Sheen Lead-based paint was identified by: <input checked="" type="checkbox"/> Risk Assessor <input type="checkbox"/> Inspection <input type="checkbox"/> Assumed	MI Certification #: P-00036 MI Certification #: P-
	Project / Risk Assessment Name: Environmental Resources Group, LLC Housing Agency: Ann Arbor Housing Commission Agency Contact Person Name: Andy Foerg	Phone #: 248.763.3639
	SCOPE OF WORK: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure <input type="checkbox"/> Component Removal <input type="checkbox"/> Paint Removal <input type="checkbox"/> Soil 	
	Detail scope of work and identify abatement work areas: Clean-up some lead dust in basement Unit 1725	
4	Building Owner: Ann Arbor Housing Comm Project / Site Address: Green Baxter, 1737 Green	Owner Phone #: City: Ann Arbor Zip:
	Occupancy Status (check all that apply): OCCUPIED <input checked="" type="checkbox"/> (Includes temporary relocation) VACANT <input type="checkbox"/> (Abandoned)	
	<input type="checkbox"/> Single-family <input type="checkbox"/> Public or private school <input checked="" type="checkbox"/> Multi-family <input checked="" type="checkbox"/> Rental <input type="checkbox"/> Child care facility <input type="checkbox"/> Owner occupied <input type="checkbox"/> Other:	
	An Occupant Protection Plan has been prepared by the following certified lead professional: Michael Kelly	MI Certification #: P-00096
5	Start Date: July 15, 2013 Scheduled work hours: 8:00am <input type="checkbox"/> am <input type="checkbox"/> pm to 4:00pm <input type="checkbox"/> am <input type="checkbox"/> pm <input type="checkbox"/> Weekends included	Ending Date: July 15, 2013

1. Complete Form
2. Return to HHS at least three (3) business days prior to the commencement of work

MAIL or FAX to:
 MDCH – Healthy Homes Section
 P.O. Box 30195
 Lansing, MI 48909
 Attn: Compliance Officer
FAX: 517-335-8800

Michigan Department of Community Health
 Division of Environmental and Occupational Epidemiology

Lead Hazard Remediation Program 13-3580

Occupant Protection Plan

All abatement projects must not be started before an occupant protection plan specific to the structure is developed by a Michigan certified Abatement Project Designer or Abatement Supervisor. The plan shall describe measures and management procedures that shall be taken to protect the building occupants. (Michigan Rule No. 325.9917 (4) (a) & (b))

Company: ENVIRONMENTAL MAINTENANCE GREEN BAY TREE ENGINEERS, INC. Property Address: 1737 GREEN RD #1725 ANN ARBOR, MI

Work will begin on (abatement start date): 7-15-13 Work will end on (abatement end date): 7-15-13

Work will be under the control of: (list certified supervisors) JASON HAYES-SHEW

- The residents will be relocated until the work is completed and clearance has been achieved.
 OR
 The residents will be restricted from work areas until clearance is confirmed by using the following methods:

Work Area	Method of restricting access
BASEMENT	ISOLATE BASEMENT WITH POLY BARRIER & GARDING VESTS

- The following work practices and engineering controls will be used to minimize contamination in the residence
- Work area containment Wet methods Decontamination and final cleaning Encapsulation
 Other (describe)

CLEAN LEAD DUST FROM BASEMENT FLOOR

Acknowledgement (Optional)

This occupant protection plan has been reviewed by the undersigned occupant or owner and all parties agree to the conditions set forth to protect occupants from lead-based paint exposure.

Occupant Owner Name (Please Print) _____ Date _____ Signature _____

Contractor Name (Please Print) MICHAEL KELLY P-00096 Date 7-10-13 Signature _____

Michigan Department of Community Health
 Division of Environmental and Occupational Epidemiology
 Lead Hazard Remediation Program # 13-358a

Abatement Report

A certified supervisor or project designer shall prepare an abatement report at the completion of each abatement activity in accordance with Michigan Rule No. 325.9917 (9) (a) through (f). The report shall be retained by the preparer for not less than 3 years and provided to the building owner in accordance with R 325.9921 (3).

ENVIRONMENTAL MAINTENANCE
 Company: ENGINEERS INC. Property Address: GREEN BAYVIEW APTS
1737 GREEN RD, UNIT 17J5
ANN ARBOR, MI
 Start date: 7-15-13 End date: 7-15-13 Prepared by: MICHAEL L. KELLY Professional ID# P-00096

1. Worker names and Addresses: (List or attach contractor daily logs)

Worker	Address
<u>JASON HAYES-SHERW P-00036</u>	

2. Occupant protection plan (prepared before work started if residence is occupied) (Attach O.P. Plan)
SEE ATTACHED

3. Name, address, signature of each certified risk assessor or inspector conducting clearance sampling and the date of clearance testing. (Attach Risk Assessor/Laboratory Chain of Custody form)
OWNERS REP - ENVIRONMENTAL RESOURCES GROUP LLC

4. The results of clearance testing and all soil analyses, if applicable, and the name of each recognized laboratory that conducted the analyses. (Attach Laboratory report)
OWNERS REP - ENVIRONMENTAL RESOURCES GROUP, LLC

5. Abatement methods used. (From specifications, project reports, etc) (Describe or attach)
3-PHASE CLEANING PROCEDURES INCLUDING HEPA VACUUMING,
WET WIPING, MOPPING + CLEANING ALL HORIZONTAL SURFACES
AT DIRECTIO

6. Components & locations where abatement occurred. (Describe or attach bid specs, change orders, etc)
BASEMENT FLOOR UNIT 17J5

7. Reason for selecting particular abatement methods for each component. (describe or attach document)

Specified as project scope Defined by contract documents Ordered by an agency
 Risk assessment recommendations Other (Describe)

8. Any suggested monitoring of encapsulants or enclosures. (describe and/or attach product technical data)
OWNERS REP - ERG PERFORMED HEPA REQUIRED
CLEARANCE SAMPLING



25851 Trowbridge St., Inkster, MI 48141
 Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: **SMTWTFSS 7-15-13**

Job #: **13-358**

Week Ending Date: **7-21-13**

Job Name: **Ann Arbor Housing**

Truck #/Driver: **Personal**

ACM / Mold **(Lead)** Other

Work Area: **#408 Miller + #1725 Green**

Daily Construction Report

General Work Description:	The type of abatement conducted:	Set-up procedures conducted:
Y N n/a	Y N n/a	Y N n/a
ACM Pipe/Fitting	Removal	Signs/Banner Tape
ACM Boiler/Tanks/Breeching	Encapsulation	Criticals Set-up
ACM Acoustical Ceiling	Patch/Repair	Full/Mini Enclosure
ACM Ceiling Tiles/Glue Pods	Glove-bag Removal	Plywood 2"x4" Structures
VAT Mastic Carpet	Enclosure	AFD's Set-up Vented
Transite Siding/	Removal/Replacement	Isolation of HVAC system
Insulation/Vermiculite	LBP Removal Chemical	Poly Walls Floors Drops
Lead Based Paint	LBP HEPA Power Tools	Portable/Full Decon Chamber
Mold Remediation	Dry Ice Blasting	Water System Set-up
Industrial/Universal Waste	Aggressive Hand Cleaning	Electric GFCI's/Temp. Panel
Other	Selective Demolition	Scaffold/Bakers/5x7'/Manlift

Personal protective equipment:	Clean-up activities:	Inspections:
Y N n/a	Y N n/a	# of Neg. Air Machines Y N n/a
Respiratory protection	Gross/Final Clean-up	Barriers Intact And Sound
Half-Face/Full-Face/PAPR's	Load Out Activities	DECON/Shower Inspection
Disposable Suits	Surfactants/Ledizolv	Employee PPE Used
Steel Toe/Rubber Boots	Wet Methods IAQ Shockwave	Electrical Safety In Place
Gloves Rubber/Cotton	HEPA Vacuum Sequence	OSHA Inspection Site Review
Safety Glasses/Full Face	All Equip./Tools Cleaned	Consultant/EME Monitoring
Hard hats/Hearing Protection	Final Lockdown	Consultant/Supervisor Visual
Fall Protection	Work Area Teardown	Personnel Decontaminated
Scaffold Safety Rails/Manlift	Final Worksite Walk-Thru	Work Area Inspected/Secure

Consultant Firm: **Matt - A.E.C.** Visual/Testing: _____
 Representative Name: _____ Accreditation Number: _____

Comments:

Employee Name	Accred. #	Class SW	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
<i>Project Manager:</i>								
<i>Supervisor:</i> J Hayes-Sheen	10036	S	7:00	12:00	12:30	3:30	8	JHS

Safety Issues:	Asbestos Waste		Dumpster	EME	Onsite
	---Friable---	---Non-Friable---			
	Bags	Bags	Status of Job		
	Drums	Drums	Project On-going - someone to return		
	Bundles	Bundles	Note: <input checked="" type="checkbox"/> Complete - no one will need to return		

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.
 Signature: _____

Certificate Number: 134826 - 910

ETC Training Services Group

38900 W. Huron River Drive
Romulus, MI 48174-1159
(734) 955-6600

PRESENTS

Jason Hayes-Sheen

SS#:

with certification for having successfully completed the 8 hour/1 day which meets the requirements for

Lead Abatement Supervisor Refresher Training Course


In accordance with the requirements of 40 CFR 745.225, (d)3; HUD Guidelines for Lead Supervisors

Course Dates: March 1, 2011

6 months - 3rd Party Exam Eligibility Testing Valid Through: September 1, 2011

(3 years) Training Valid Through: March 1, 2014


Trainer


ETC President

Michigan
Department of
Community
Health



Healthy Homes Section

Jason Hayes-Sheen

Lead Supervisor

Cert. number **P- 00036**

Annual fee due by March 31, 2014

Appropriate refresher training and exam must be taken to renew this certification before March 31, 2014

Certificate Number: R-1-28484-10 - 2759



ETC Training Services Group

38900 W. Huron River Drive
Romulus, MI 48174-1159
(734) 955-6600

PRESENTS

Jason H. Sheen

19155 Lexington
Redford, MI 48240
SSN: ***-**-7882

with certification for having successfully completed the 8 hours/1 day which meets the requirements for

Certified Renovator Initial Training Course

40 CFR 745.90(e) - [EPA] Renovator Certification:
Lead Safety for Renovation, Repair, and Painting;
24 CFR 35.1330 - [HUD] Guidelines for Interim Controls, Remodeling, and Renovation;

Course Dates: March 6, 2010

Matt Duncan
Trainer

Nancy Winstcott
ETC President

LEAD HAZARD CLEARANCE

FOR

ENVIRONMENTAL RESOURCES GROUP LLC.
28003 CENTER OAKS COURT, SUITE 106
WIXOM, MICHIGAN 48393

AT

GREEN BAXTER COURT
1725 GREEN RD
ANN ARBOR, MICHIGAN 48105

PREPARED BY:

AMERICAN
ENVIRONMENTAL
CONSULTANTS, LLC

12838 GAVEL
DETROIT, MICHIGAN 48227
OFFICE: 313-491-2600
FAX: 313-491-2601

PROJECT NUMBER
1449-13005

Table of Contents

1	<u>General Provisions</u>
1.1	Introduction
1.2	Purpose
2	<u>Sampling Procedures</u>
2.1	Laboratory
2.2	Soil Sampling
2.3	Dust Wipe Sampling
3	<u>Results</u>
3.1	Scope Of Work
3.2	Visual Inspection
3.3	Regulatory Standards
3.4	Analytical Results
4	<u>Conclusions</u>
4.1	Conclusions

APPENDICES

LABORATORY RESULTS.....	APPENDIX A
SITE MAPS AND SAMPLE LOCATIONS.....	APPENDIX B

1 GENERAL PROVISIONS

1.1 Introduction

Matt Rodgers, of American Environmental Consultants (AEC), LLC performed a lead hazard clearance inside unit 1725 at Green Baxter Court in Ann Arbor, Michigan on July 15, 2013. Mr. Rodgers is a certified Lead Inspector and Risk Assessor through the Michigan Department of Community Health, Certification Number P-04247. The owner of this property is The Ann Arbor Housing Commission which is located 727 Miller Ave. in Ann Arbor, MI and can be reached at 734-794-6720.

1.2 Purpose

The purpose of this lead hazard clearance is to determine if the work that was performed at the residence referenced above was done in a complete and thorough manner and that the lead hazard no longer exists at the time of the clearance for the areas stated in the report.

1.3 Contractor

The lead hazard correction activities were performed by Environmental Maintenance Engineers, Inc located at 25851 Trowbridge St in Inkster, MI 48141; Phone (313)791-2600 on 7/15/13. The contractor had performed activities and utilized approved hazard elimination techniques in accordance with all State of Michigan and HUD Guidelines to eliminate the hazard.

2 SAMPLING PROCEDURES

2.1 Laboratory

All samples for the clearance were analyzed by the Accurate Analytical Testing LLC located at 12950 Haggerty Rd in Belleville, MI 48111 Phone (734) 699-5227. The laboratory participates and is accredited in the American Industrial Hygiene Association (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP) and performs quality control rounds.

2.2 Soil Sampling

Soil samples were collected if lead hazard elimination work took place in areas with soil that has or could potentially have elevated levels of lead due to the work performed. Samples were collected from the upper 1/2 inches of soil and were analyzed by an EPA-approved laboratory. Results were reported in parts per million of sampled soil (ppm).

2.3 Dust Wipe Sampling

Dust wipe samples, were collected according to HUD Guidelines and Michigan Lead Hazard Remediation Program (LHRP) requirements in each area where lead hazard elimination was performed. Sample collection protocol is as follows:

- An area located on the surface to be sampled was measured (between 0.1 ft² and 2 ft²) and marked.
- A single approved sampling wipe (disposable towelette) was opened with a gloved hand and wiped across the sampling area in a series of S patterns. Composite dust wipe samples are prohibited in Michigan.
- The wipe was then placed into an airtight container labeled with the site location identification, sample location and size of area sampled.
- Samples were analyzed by an EPA- approved laboratory, and results were reported in micrograms per square foot (µg/ft²).

3 RESULTS

3.1 Scope of Work

The scope of work inside unit 1725 at Green Baxter Court was to correct the lead in dust hazard on the floor in the basement using interim control methods. The floor and all other lateral surfaces such as the tops of appliances were cleaned in preparation for final clearance testing.

3.2 Visual Inspection

On July 15, 2013 at inside unit 1725 at Green Baxter Court, the visual inspection of the areas and surfaces referenced above were all deemed adequately clean and for final clearance testing.

3.3 Regulatory Standards

EPA guidelines and HUD clearance guidelines for LBP hazard are:

Bare soil (play areas)	equal to or exceeding 400 parts per million (ppm) lead
Bare soil (other)	equal to or exceeding 1200 ppm lead
Dust hazard (floors)	equal to or exceeding 40 micrograms per square foot of sampled surface area (µg/ft ²)
Dust hazard (window sill)	equal to or exceeding 250 µg/ft ²
Dust Hazard (window trough)	EPA: No level defined; Michigan LHRP: 400 µg/ft ² lead

If any of the clearance samples are above the regulatory standards the area is to be re-cleaned and clearance sampling repeated.

3.4 Analytical Results

Detailed sample results, sample locations, and field notes are located in:

- Appendix A for Laboratory Results
- Appendix B for Site Maps and Sample Locations
- Appendix C for Field Notes

The following table below describes the clearance samples that were taken for the lead clearance on July 15, 2013

Sample Number	Sample Location/Component	Type of Sample	Surface Type and Area	Laboratory Results	Pass or Fail
W-1	BASE- NEAR STAIR	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-2	BASE- NEAR WASHER	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-3	BASE- STAIRS	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
W-4	BASE- STAIRS	Wipe	Floor 1.00 Sq Ft	< 10 µg/ft ²	Pass
FB	FIELD BLANK	Wipe	N/A	N/D	Pass

On July 15, 2013, the lead dust wipe samples taken from the floor in the basement near the stairs, the floor in the basement near the washer, the basement stairs and also the field blank were all below the EPA Regulatory Limit.

4 CONCLUSIONS

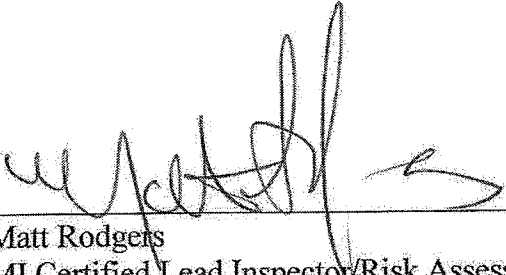
The work that was performed in the referenced residence passed the visual and clearance requirements of the State of Michigan Lead Hazard Remediation Program and the HUD guidelines.



No re-sampling is required at this time. The reevaluation schedule is as follows: In 2 years all lead-based paint must be reevaluated by a certified risk assessor. On going monitoring is required for known lead based paint listed below.

LOCATION OF LEAD BASED PAINT	WALL	COMPONENT	DESCRIPTION
2 ND FLOOR STAIR WELL	B	WALL	INTACT

The information in this report is true and accurate representation of the clearance sampling at the time of the sampling based on the professional judgment of:



Matt Rodgers
MI Certified Lead Inspector/Risk Assessor
Certification Number: P-04247

8/6/13

Date



**AMERICAN
ENVIRONMENTAL
CONSULTANTS, L.L.C.**

ERG
Green Baxter Court
1725 Green Rd.
Ann Arbor, MI
July 15, 2012
Project Number: 1459-13005

Appendix A

Laboratory Results



12950 Haggerty Road
 Belleville, MI 48111
 Ph: (734) 699-labs; Fax: (734) 699-8407

Certificate of Analysis: Lead In Dust Wipe by NIOSH Method 7082

Client : American Environmental Consultants, LLC
 12838 Gavel
 Detroit, MI 48232
 Attn : Jeff Fox
 Phone : 313-491-2600
 Project Location : 1725 GREEN BAXTER
 Client Project : 1725 GREEN BAXTER

Email : jfox@aecmi.net
 Fax : 313-491-2601

AAT Project : 158246
 Sampling Date : 07/15/2013
 Date Received : 07/18/2013
 Date Analyzed : 07/19/2013
 Date Reported : 07/19/2013
 Analyst : Ranjana Valecha

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead $\mu\text{g}/\text{ft}^2$ *
1580228	1	BASE-NEAR ST FL	12	12	1.00	<10.00
1580229	2	BASE-NEAR WASHER FL	12	12	1.00	<10.00
1580230	3	BASE-STAIRS FL	12	12	1.00	<10.00
1580231	4	BASE-STAIRS FL	12	12	1.00	<10.00
1580232	FB	FIELD BLANK	N/A	N/A	N/A	N/D

Ranjana Valecha

Analyst Signature

ND=Not Detected, N/A Not Available, RL Reporting Limit, Analytical Reporting Limit is 10 $\mu\text{g}/\text{sample}$. * For true values assume (2) significant figures. The method and batch QC is acceptable unless otherwise stated. EPA HUD Regulatory Limits: 40 $\mu\text{g}/\text{ft}^2$ (Floors Carpeted/uncarpeted), 250 $\mu\text{g}/\text{ft}^2$ (Window Sill/Stools), 400 $\mu\text{g}/\text{ft}^2$ (Window Trough /Well/Ext Concrete Surfaces). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA and NY State DOH ELAP programs. These results are submitted pursuant to AAT LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as



AIHA ELAP: Lab ID #100986, NY State DOH ELAP: Lab ID #11864, State of Ohio: Lab ID #10042

Date Printed: 07/19/2013 12:02PM

AAT Project: 158246

Revised



12950 Haggerty Road
 Belleville, MI 48111
 Ph:(734) 699-labs; Fax:(734) 699-8407

To : American Environmental Consultants, LLC
 12838 Gavel
 Detroit, MI 48232

AAT Project : 158246
 Client Project : 1725 GREEN BAXTER
 Date Reported : 07/19/2013

Attn : Jeff Fox
 Email : jfox@aecmi.net
 Phone : 313-491-2600

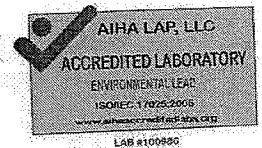
Project Location : 1725 GREEN BAXTER

Sample	Client Code	Analysis Requested	Completed
1580228	1	Dust Wipe	07/19/2013
1580229	2	Dust Wipe	07/19/2013
1580230	3	Dust Wipe	07/19/2013
1580231	4	Dust Wipe	07/19/2013
1580232	FB	Dust Wipe	07/19/2013

Reviewed By Quality Assurance Coordinator - Robert A Theys

This report is intended for use solely by the individual or entity to which it is addressed. It may contain information that is privileged, confidential and otherwise exempt by law from disclosure. If the reader of this information is not the intended recipient or an employee of its intended recipient, you are herewith notified that any dissemination, distribution or copying of this information is strictly prohibited. If you have received this information in error, please notify AAT immediately. Thank you.

AIHA ELLAP - Lab ID #100966, NY State DOH ELAP - Lab ID #11864, State of Ohio - Lab ID # 10042



Date Printed: 07/19/2013 12:02PM

AAT Project: 158246



**AMERICAN
ENVIRONMENTAL
CONSULTANTS, L.L.C.**

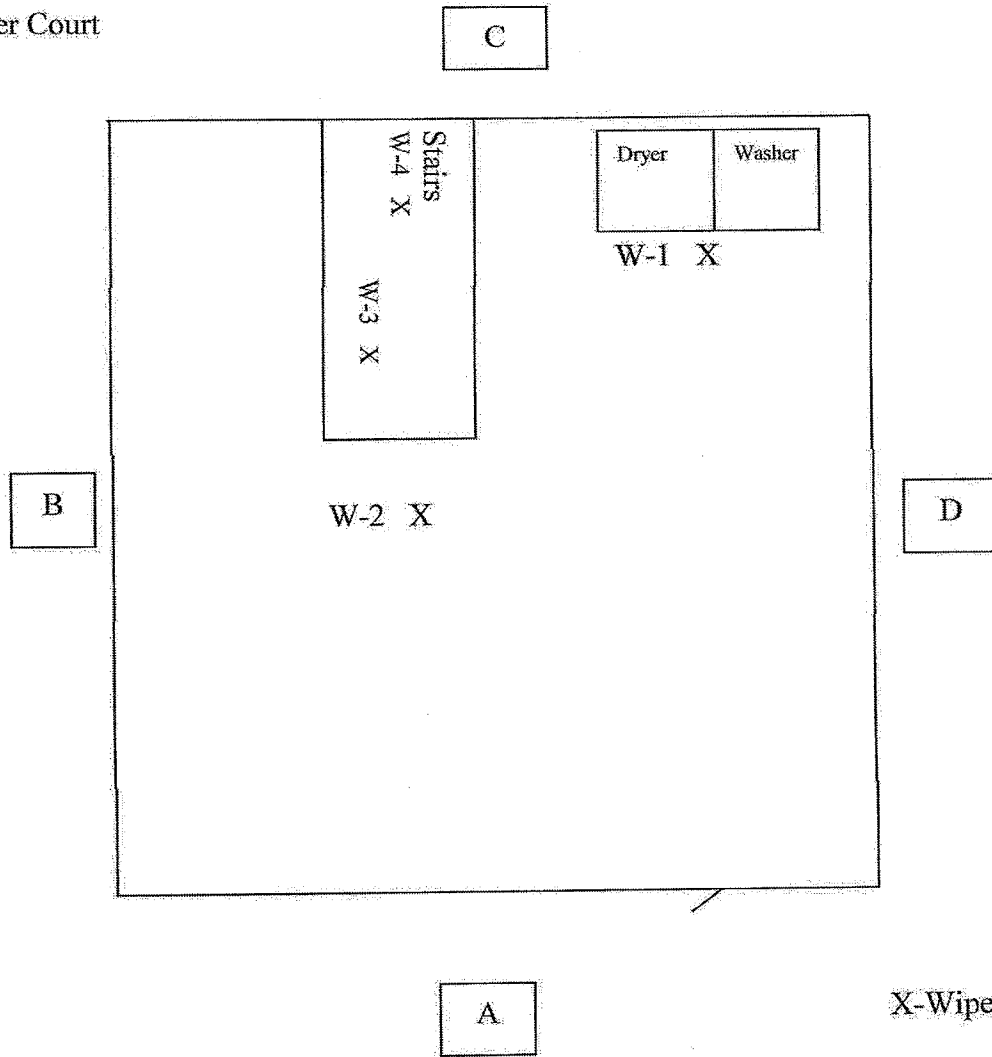
ERG
Green Baxter Court
1725 Green Rd.
Ann Arbor, MI
July 15, 2012
Project Number: 1459-13005

Appendix B

Site Maps and Sample Locations



Green Baxter Court
Unit 1725



X-Wipe Samples



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/27/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Griffin, Smalley and Wilkerson, Inc. 37000 Grand River Avenue PO Box 2999 Farmington Hills MI 48333-2999		CONTACT NAME: Carolyn Belcher PHONE (A/C, No, Ext): (248) 471-0970 FAX (A/C, No): (248) 471-0641 E-MAIL ADDRESS: CBelcher@gswins.com															
INSURED Environmental Maintenance Engineers, Inc. 25851 Trowbridge Inkster MI 48141		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Nautilus Insurance Company</td> <td>17370</td> </tr> <tr> <td>INSURER B: Travelers Prop & Cas Co. of Am</td> <td>25674</td> </tr> <tr> <td>INSURER C: Great Divide Insurance Company</td> <td>25224</td> </tr> <tr> <td>INSURER D: Nautilus Insurance Company</td> <td>17370</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Nautilus Insurance Company	17370	INSURER B: Travelers Prop & Cas Co. of Am	25674	INSURER C: Great Divide Insurance Company	25224	INSURER D: Nautilus Insurance Company	17370	INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #																
INSURER A: Nautilus Insurance Company	17370																
INSURER B: Travelers Prop & Cas Co. of Am	25674																
INSURER C: Great Divide Insurance Company	25224																
INSURER D: Nautilus Insurance Company	17370																
INSURER E:																	
INSURER F:																	

COVERAGES **CERTIFICATE NUMBER:** 12-13 Liab. **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVC	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			ECP200393001	10/1/2012	10/1/2013	EACH OCCURRENCE \$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> Contractor's Pollution						PERSONAL & ADV INJURY \$ 2,000,000
	<input checked="" type="checkbox"/> Professional Liability			GENERAL AGGREGATE \$ 2,000,000			PRODUCTS - COM/POP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						\$
	<input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
B	AUTOMOBILE LIABILITY			EA0135C519	10/1/2012	10/1/2013	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							Uninsured motorist combined \$ 1,000,000
D	UMBRELLA LIAB			FFX200824000	03/26/2013	10/01/2013	EACH OCCURRENCE \$ 3,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 3,000,000
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTIONS \$						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WCA153866711	10/1/2012	10/1/2013	<input checked="" type="checkbox"/> WC STATUS TOBY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in MI)	<input type="checkbox"/> Y/N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER Environmental Maintenance Engineers, Inc. 25851 Trowbridge Inkster, MI 48141	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Patrick Williams/CTB <i>Patrick E. Williams, C/CTB</i>