

August 17, 2007

Aaron Roski  
Environmental Quality Management, Inc.  
1800 Carillon Boulevard  
Cincinnati, OH 45240

Work Order No.: ME0708518

RE: Lake Linden, MI  
Dear Aaron Roski:

Microbac Laboratories, Inc. received 5 samples on 8/14/2007 9:15:00 AM for the analyses presented in the following report.

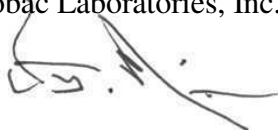
The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,  
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "R. Misiunas", written over the printed name of Ronald J. Misiunas.

Ronald J. Misiunas  
Client Services Manager

Enclosures

**WORK ORDER SAMPLE SUMMARY****Date:** *Friday, August 17, 2007*

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**CLIENT:** Environmental Quality Management, Inc.  
**Project:** Lake Linden, MI  
**Lab Order:** ME0708518

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0708518-01A	LL-EXC-1		8/12/2007 7:40:00 AM	8/14/2007
ME0708518-02A	LL-EXC-2		8/12/2007 7:50:00 AM	8/14/2007
ME0708518-03A	LL-EXC-3		8/12/2007 8:05:00 AM	8/14/2007
ME0708518-04A	LL-2EXC-2		8/12/2007 1:45:00 PM	8/14/2007
ME0708518-05A	LL-2EXC-2 DUPE		8/12/2007 1:45:00 PM	8/14/2007

# ANALYTICAL RESULTS

Date: Friday, August 17, 2007

**Client:** Environmental Quality Management, Inc.  
**Client Project:** Lake Linden, MI  
**Client Sample ID:** LL-EXC-1  
**Sample Description:**  
**Sample Matrix:** Soil

**Work Order / ID:** ME0708518-01  
**Collection Date:** 08/12/07 07:40  
**Date Received:** 08/14/07 09:15

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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## PCB'S

Method: **SW8082**

Prep Date/Time: **08/16/07 12:45** Analyst: **ALS**

Aroclor 1016	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1221	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1232	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1242	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1248	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1254	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1260	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1262	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Aroclor 1268	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Total PCB's	A	ND	0.033		mg/Kg	1	08/16/07 19:56
Surr: Tetrachloro-m-xylene	S	90.1	5-165		%REC	1	08/16/07 19:56
Surr: Decachlorobiphenyl	S	80.1	5-222		%REC	1	08/16/07 19:56

## TOTAL METALS

Method: **SW6010B**

Prep Date/Time: **08/15/07 06:40** Analyst: **AVC**

Antimony	A	ND	0.93		mg/Kg	1	08/15/07 19:39
Arsenic	A	2.7	0.46		mg/Kg	1	08/15/07 19:39
Barium	A	23	0.093		mg/Kg	1	08/15/07 19:39
Copper	A	2400	4.6		mg/Kg	10	08/16/07 12:48
Lead	A	5.8	0.35		mg/Kg	1	08/15/07 19:39

## TOTAL METALS

Method: **SW7471A**

Prep Date/Time: **08/14/07 14:55** Analyst: **AVC**

Mercury	A	0.035	0.035		mg/Kg	1	08/15/07 12:11
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# ANALYTICAL RESULTS

Date: Friday, August 17, 2007

**Client:** Environmental Quality Management, Inc.  
**Client Project:** Lake Linden, MI  
**Client Sample ID:** LL-EXC-2  
**Sample Description:**  
**Sample Matrix:** Soil

**Work Order / ID:** ME0708518-02  
**Collection Date:** 08/12/07 07:50  
**Date Received:** 08/14/07 09:15

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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## PCB'S

Method: **SW8082**

Prep Date/Time: **08/16/07 12:45** Analyst: **ALS**

Aroclor 1016	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1221	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1232	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1242	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1248	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1254	A	0.038	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1260	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1262	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Aroclor 1268	A	ND	0.033		mg/Kg	1	08/17/07 09:38
Total PCB's	A	0.038	0.033		mg/Kg	1	08/17/07 09:38
Surr: Tetrachloro-m-xylene	S	90.1	5-165		%REC	1	08/17/07 09:38
Surr: Decachlorobiphenyl	S	85.1	5-222		%REC	1	08/17/07 09:38

## TOTAL METALS

Method: **SW6010B**

Prep Date/Time: **08/15/07 06:40** Analyst: **AVC**

Antimony	A	1.9	0.93		mg/Kg	1	08/15/07 19:44
Arsenic	A	2.4	0.47		mg/Kg	1	08/15/07 19:44
Barium	A	45	0.093		mg/Kg	1	08/15/07 19:44
Copper	A	2900	4.7		mg/Kg	10	08/16/07 12:53
Lead	A	130	0.35		mg/Kg	1	08/15/07 19:44

## TOTAL METALS

Method: **SW7471A**

Prep Date/Time: **08/14/07 14:55** Analyst: **AVC**

Mercury	A	0.039	0.035		mg/Kg	1	08/15/07 12:13
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# ANALYTICAL RESULTS

Date: Friday, August 17, 2007

**Client:** Environmental Quality Management, Inc.  
**Client Project:** Lake Linden, MI  
**Client Sample ID:** LL-EXC-3  
**Sample Description:**  
**Sample Matrix:** Soil

**Work Order / ID:** ME0708518-03  
**Collection Date:** 08/12/07 08:05  
**Date Received:** 08/14/07 09:15

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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<b>PCB'S</b>		Method: <b>SW8082</b>		Prep Date/Time: <b>08/16/07 12:45</b> Analyst: <b>ALS</b>			
Aroclor 1016	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1221	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1232	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1242	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1248	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1254	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1260	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1262	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Aroclor 1268	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Total PCB's	A	<b>ND</b>	0.033		mg/Kg	1	08/17/07 10:10
Surr: Tetrachloro-m-xylene	S	85.1	5-165		%REC	1	08/17/07 10:10
Surr: Decachlorobiphenyl	S	80.1	5-222		%REC	1	08/17/07 10:10

<b>TOTAL METALS</b>		Method: <b>SW6010B</b>		Prep Date/Time: <b>08/15/07 06:40</b> Analyst: <b>AVC</b>			
Antimony	A	<b>ND</b>	0.93		mg/Kg	1	08/16/07 15:07
Arsenic	A	<b>3.1</b>	0.46		mg/Kg	1	08/16/07 15:07
Barium	A	<b>45</b>	0.093		mg/Kg	1	08/16/07 15:07
Copper	A	<b>3800</b>	4.6		mg/Kg	10	08/16/07 12:58
Lead	A	<b>280</b>	0.35		mg/Kg	1	08/16/07 15:07

<b>TOTAL METALS</b>		Method: <b>SW7471A</b>		Prep Date/Time: <b>08/14/07 14:55</b> Analyst: <b>AVC</b>			
Mercury	A	<b>0.060</b>	0.041		mg/Kg	1	08/15/07 12:14

# ANALYTICAL RESULTS

Date: Friday, August 17, 2007

**Client:** Environmental Quality Management, Inc.  
**Client Project:** Lake Linden, MI  
**Client Sample ID:** LL-2EXC-2  
**Sample Description:**  
**Sample Matrix:** Soil

**Work Order / ID:** ME0708518-04  
**Collection Date:** 08/12/07 13:45  
**Date Received:** 08/14/07 09:15

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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<b>PCB'S</b>		Method: <b>SW8082</b>		Prep Date/Time: <b>08/16/07 12:45</b> Analyst: <b>ALS</b>			
Aroclor 1016	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1221	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1232	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1242	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1248	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1254	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1260	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1262	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Aroclor 1268	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Total PCB's	A	<b>ND</b>	0.033		mg/Kg	1	08/16/07 21:34
Surr: Tetrachloro-m-xylene	S	95.1	5-165		%REC	1	08/16/07 21:34
Surr: Decachlorobiphenyl	S	80.1	5-222		%REC	1	08/16/07 21:34

<b>TOTAL METALS</b>		Method: <b>SW6010B</b>		Prep Date/Time: <b>08/15/07 06:40</b> Analyst: <b>AVC</b>			
Antimony	A	<b>ND</b>	0.93		mg/Kg	1	08/16/07 15:13
Arsenic	A	<b>20</b>	0.46		mg/Kg	1	08/16/07 15:13
Barium	A	<b>14</b>	0.093		mg/Kg	1	08/16/07 15:13
Copper	A	<b>5600</b>	4.6		mg/Kg	10	08/16/07 13:03
Lead	A	<b>3.2</b>	0.35		mg/Kg	1	08/16/07 15:13

<b>TOTAL METALS</b>		Method: <b>SW7471A</b>		Prep Date/Time: <b>08/14/07 14:55</b> Analyst: <b>AVC</b>			
Mercury	A	<b>ND</b>	0.037		mg/Kg	1	08/15/07 12:18

# ANALYTICAL RESULTS

Date: Friday, August 17, 2007

**Client:** Environmental Quality Management, Inc.  
**Client Project:** Lake Linden, MI  
**Client Sample ID:** LL-2EXC-2 DUPE  
**Sample Description:**  
**Sample Matrix:** Soil

**Work Order / ID:** ME0708518-05  
**Collection Date:** 08/12/07 13:45  
**Date Received:** 08/14/07 09:15

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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## PCB'S

Method: **SW8082**

Prep Date/Time: **08/16/07 12:45** Analyst: **ALS**

Aroclor 1016	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1221	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1232	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1242	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1248	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1254	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1260	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1262	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Aroclor 1268	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Total PCB's	A	ND	0.033		mg/Kg	1	08/16/07 22:07
Surr: Tetrachloro-m-xylene	S	85.1	5-165		%REC	1	08/16/07 22:07
Surr: Decachlorobiphenyl	S	85.1	5-222		%REC	1	08/16/07 22:07

## TOTAL METALS

Method: **SW6010B**

Prep Date/Time: **08/15/07 06:40** Analyst: **AVC**

Antimony	A	ND	0.97		mg/Kg	1	08/16/07 15:18
Arsenic	A	14	0.49		mg/Kg	1	08/16/07 15:18
Barium	A	12	0.097		mg/Kg	1	08/16/07 15:18
Copper	A	3500	4.9		mg/Kg	10	08/16/07 13:09
Lead	A	3.7	0.36		mg/Kg	1	08/16/07 15:18

## TOTAL METALS

Method: **SW7471A**

Prep Date/Time: **08/14/07 14:55** Analyst: **AVC**

Mercury	A	ND	0.038		mg/Kg	1	08/15/07 12:23
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## FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
						MDL	= Method Detection Limit

## SAMPLE TYPES

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

## QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

## CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

## MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)

**Baltimore Division** - Baltimore, MD  
**Camp Hill Division** - Camp Hill, PA  
**Camp Hill Division (SC)** - Pittston, PA  
**Chicagoland Division** - Merrillville, IN  
**Chicagoland Division (SC)** - Indianapolis, IN  
**Corona Division** - Corona, CA  
**Erie Division** - Erie, PA  
**Fayetteville Division** - Fayetteville, NC  
**Hauser Division** - Boulder, CO

**Kentucky Division** - Louisville, KY  
**Kentucky Division (Sat)** - Evansville, IN  
**Kentucky Division (Sat)** - Lexington, KY  
**Kentucky Division (Sat)** - Paducah, KY  
**Knoxville Division** - Maryville, TN  
**Massachusetts Division** - Marlborough, MA  
**Microbac Corporate Office** - Wexford, PA  
**Microbac NY - Cortland Office** - Cortland, NY  
**Microbac NY - Waverly Office** - Waverly, NY

**New Castle Division** - New Castle, PA  
**Pittsburgh Division** - Warrendale, PA  
**Richmond Division** - Richmond, VA  
**South Carolina Division** - New Ellenton, SC  
**South Jersey Division** - Turnersville, NJ  
**Southern Headquarters** - Poquoson, VA  
**Southern Testing Division** - Wilson, NC  
**Southern Testing Division (Sat)** - Greensboro, NC  
**Venice Division** - Venice, FL





## COOLER INSPECTION

**Date:** Friday, August 17, 2007

Client Name **EQM - CINCINNATI**

Work Order Number **ME0708518**

Checklist completed by DPP 8/14/2007 10:11:37 AM

Date / Time Received: **8/14/2007 9:15:00 AM**

Received by: DPP

Reviewed by RJM 8/14/2007 12:12:28 PM

Carrier name: FedEx

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate preservatives (if preserved)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by? \_\_\_\_\_

Date/Time \_\_\_\_\_

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Container/Temp Blank temperatures

Cooler Temp  
1 1 °C

VOA vials for aqueous samples have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

**ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.**

General Comments:

Sample ID	Client Sample ID	Comments
ME0708518-01A	LL-EXC-1	Report in Dry Weight
ME0708518-02A	LL-EXC-2	Report in Dry Weight
ME0708518-03A	LL-EXC-3	Report in Dry Weight
ME0708518-04A	LL-2EXC-2	Report in Dry Weight
ME0708518-05A	LL-2EXC-2 DUPE	Report in Dry Weight

CLIENT: Environmental Quality Management, Inc.  
Work Order: ME0708518  
Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54802

Sample ID: MB070814-4	SampType: MBLK	TestCode: HG_S	Units: mg/Kg	Prep Date: 8/14/2007 2:55:00 PM	Run ID: CVAA_070815A						
Client ID: ZZZZZ	Batch ID: 54802	TestNo: SW7471A		Analysis Date: 8/15/2007 12:06:00 PM	SeqNo: 1594375						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0010									

Sample ID: ME0708518-03AMS	SampType: MS	TestCode: HG_S	Units: mg/Kg	Prep Date: 8/14/2007 2:55:00 PM	Run ID: CVAA_070815A						
Client ID: LL-EXC-3	Batch ID: 54802	TestNo: SW7471A		Analysis Date: 8/15/2007 12:16:00 PM	SeqNo: 1594382						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1039	0.039	0.07812	0.05984	56.4	70	130	0	0		S

Sample ID: ME0708518-03AMSD	SampType: MSD	TestCode: HG_S	Units: mg/Kg	Prep Date: 8/14/2007 2:55:00 PM	Run ID: CVAA_070815A						
Client ID: LL-EXC-3	Batch ID: 54802	TestNo: SW7471A		Analysis Date: 8/15/2007 12:17:00 PM	SeqNo: 1594383						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1079	0.042	0.08333	0.05984	57.7	70	130	0.1039	3.79	20	S

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H - Analyte was prepared and/or analyzed outside of the analytical method holding time

**CLIENT:** Environmental Quality Management, Inc.  
**Work Order:** ME0708518  
**Project:** Lake Linden, MI

## ANALYTICAL QC SUMMARY REPORT

**BatchID:** 54825

Sample ID: <b>MB070814-2</b>	SampType: <b>MBLK</b>	TestCode: <b>6010S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/15/2007 6:40:00 AM</b>	Run ID: <b>ICP-2_070815A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54825</b>	TestNo: <b>SW6010B</b>		Analysis Date: <b>8/15/2007 7:17:00 PM</b>	SeqNo: <b>1595142</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.205	1.0									J
Arsenic	ND	0.50									
Barium	ND	0.10									
Copper	ND	0.50									
Lead	ND	0.38									

Sample ID: <b>MB070814-2</b>	SampType: <b>MBLK</b>	TestCode: <b>6010S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/15/2007 6:40:00 AM</b>	Run ID: <b>ICP-2_070816B</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54825</b>	TestNo: <b>SW6010B</b>		Analysis Date: <b>8/16/2007 5:22:00 PM</b>	SeqNo: <b>1595934</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.18	1.0									J
Arsenic	0.115	0.50									J
Copper	0.07	0.50									J
Lead	ND	0.38									

Sample ID: <b>ME0708518-02AMS</b>		SampType: <b>MS</b>	TestCode: <b>6010S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/15/2007 6:40:00 AM</b>		Run ID: <b>ICP-2_070815A</b>		
Client ID: <b>LL-EXC-2</b>	Batch ID: <b>54825</b>		TestNo: <b>SW6010B</b>				Analysis Date: <b>8/15/2007 7:50:00 PM</b>		SeqNo: <b>1595148</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.32	0.91	90.91	1.86	52.2	75	125	0	0		bS
Arsenic	94.09	0.45	90.91	2.416	101	75	125	0	0		
Barium	133.9	0.091	100	44.74	89.2	75	125	0	0		
Lead	260.1	0.34	90.91	134.4	138	75	125	0	0		S

Sample ID: <b>ME0708518-02AMSD</b>		SampType: <b>MSD</b>	TestCode: <b>6010S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/15/2007 6:40:00 AM</b>		Run ID: <b>ICP-2_070815A</b>		
Client ID: <b>LL-EXC-2</b>		Batch ID: <b>54825</b>		TestNo: <b>SW6010B</b>		Analysis Date: <b>8/15/2007 7:55:00 PM</b>		SeqNo: <b>1595149</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.95	0.93	92.59	1.86	51.9	75	125	49.32	1.28	20	bS
Arsenic	92.64	0.46	92.59	2.416	97.4	75	125	94.09	1.56	20	
Barium	144.5	0.093	101.9	44.74	98	75	125	133.9	7.63	20	

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CLIENT: Environmental Quality Management, Inc.  
Work Order: ME0708518  
Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54825

Sample ID: <b>ME0708518-02AMSD</b>		SampType: <b>MSD</b>		TestCode: <b>6010S</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/15/2007 6:40:00 AM</b>		Run ID: <b>ICP-2_070815A</b>	
Client ID: <b>LL-EXC-2</b>		Batch ID: <b>54825</b>		TestNo: <b>SW6010B</b>				Analysis Date: <b>8/15/2007 7:55:00 PM</b>		SeqNo: <b>1595149</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	239.3	0.35	92.59	134.4	113	75	125	260.1	8.32	20	

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**Work Order:** ME0708518  
**Project:** Lake Linden, MI

## ANALYTICAL QC SUMMARY REPORT

**BatchID:** 54894

Sample ID: <b>bk-1-081607</b>	SampType: <b>mblk</b>	TestCode: <b>8081pcb_s</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/16/2007 12:45:00 PM</b>	Run ID: <b>ECD-2_070816A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54894</b>	TestNo: <b>SW8082</b>		Analysis Date: <b>8/16/2007 6:50:00 PM</b>	SeqNo: <b>1596066</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.033									
Aroclor 1221	ND	0.033									
Aroclor 1232	ND	0.033									
Aroclor 1242	ND	0.033									
Aroclor 1248	ND	0.033									
Aroclor 1254	ND	0.033									
Aroclor 1260	ND	0.033									
Aroclor 1262	ND	0.033									
Aroclor 1268	ND	0.033									
Total PCB's	ND	0.033									
Surr: Tetrachloro-m-xylene	0.006333	0	0.00666	0	95.1	5	165	0	0		
Surr: Decachlorobiphenyl	0.005667	0	0.00666	0	85.1	5	222	0	0		

Sample ID: <b>lcs-1-081607</b>	SampType: <b>lcs</b>	TestCode: <b>8081pcb_s</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/16/2007 12:45:00 PM</b>	Run ID: <b>ECD-2_070816A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>54894</b>	TestNo: <b>SW8082</b>		Analysis Date: <b>8/16/2007 7:23:00 PM</b>	SeqNo: <b>1596067</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.1476	0.033	0.1667	0	88.6	51.7	133	0	0		
Aroclor 1260	0.2013	0.033	0.1667	0	121	36.8	136	0	0		
Surr: Tetrachloro-m-xylene	0.006333	0	0.00666	0	95.1	5	165	0	0		
Surr: Decachlorobiphenyl	0.006	0	0.00666	0	90.1	5	222	0	0		

Sample ID: <b>me0708518-01ams</b>	SampType: <b>ms</b>	TestCode: <b>8081pcb_s</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/16/2007 12:45:00 PM</b>	Run ID: <b>ECD-2_070816A</b>						
Client ID: <b>LL-EXC-1</b>	Batch ID: <b>54894</b>	TestNo: <b>SW8082</b>		Analysis Date: <b>8/16/2007 10:39:00 PM</b>	SeqNo: <b>1596071</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.1388	0.033	0.1664	0	83.4	10	133	0	0		
Aroclor 1260	0.1577	0.033	0.1664	0	94.8	16.2	138	0	0		
Surr: Tetrachloro-m-xylene	0.00599	0	0.006649	0	90.1	5	165	0	0		
Surr: Decachlorobiphenyl	0.005657	0	0.006649	0	85.1	5	222	0	0		

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CLIENT: Environmental Quality Management, Inc.  
Work Order: ME0708518  
Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54894

Sample ID: <b>me0708518-01amsd</b>		SampType: <b>msd</b>		TestCode: <b>8081pcb_s</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/16/2007 12:45:00 PM</b>		Run ID: <b>ECD-2_070816A</b>		
Client ID: <b>LL-EXC-1</b>		Batch ID: <b>54894</b>		TestNo: <b>SW8082</b>				Analysis Date: <b>8/16/2007 11:12:00 PM</b>		SeqNo: <b>1596072</b>		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016		0.1427	0.033	0.1664	0	85.8	10	133	0.1388	2.79	60.3	
Aroclor 1260		0.1579	0.033	0.1664	0	94.9	16.2	138	0.1577	0.127	21.2	
Surr: Tetrachloro-m-xylene		0.00599	0	0.006649	0	90.1	5	165	0	0	0	
Surr: Decachlorobiphenyl		0.00599	0	0.006649	0	90.1	5	222	0	0	0	

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