

August 17, 2007

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

Work Order No.: ME0708668

RE: Lake Linden, MI
Dear Aaron Roski:

Microbac Laboratories, Inc. received 3 samples on 8/16/2007 9:20:00 AM for the analyses presented in the following report.

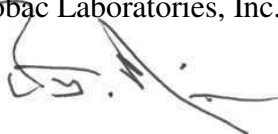
The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

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*

CLIENT: Environmental Quality Management, Inc.
Project: Lake Linden, MI
Lab Order: ME0708668

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0708668-01A	LLV Beach 1		8/15/2007 12:05:00 PM	8/16/2007
ME0708668-02A	LLV Beach 2		8/15/2007 12:08:00 PM	8/16/2007
ME0708668-03A	LLV Creek, N, of Bridge		8/15/2007 12:00:00 PM	8/16/2007

ANALYTICAL RESULTS

Date: Friday, August 17, 2007

Client: Environmental Quality Management, Inc.
Client Project: Lake Linden, MI
Client Sample ID: LLV Beach 1
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME0708668-01
Collection Date: 08/15/07 12:05
Date Received: 08/16/07 09:20

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TOTAL METALS

Method: SW6020A

Prep Date/Time: 08/16/07 13:20 Analyst: AVC

Antimony	A	ND	0.0060		mg/L	5	08/16/07 17:10
Arsenic	A	ND	0.010		mg/L	5	08/16/07 17:10
Barium	A	0.063	0.0020		mg/L	5	08/16/07 17:10
Copper	A	0.032	0.010		mg/L	5	08/16/07 17:10
Lead	A	ND	0.0075		mg/L	5	08/16/07 17:10
Mercury	A	ND	0.00020		mg/L	5	08/16/07 17:10
Silver	A	ND	0.010		mg/L	5	08/16/07 17:10
Vanadium	A	ND	0.0080		mg/L	5	08/17/07 10:35
Zinc	A	ND	0.020		mg/L	5	08/16/07 17:10

ANALYTICAL RESULTS

Date: Friday, August 17, 2007

Client: Environmental Quality Management, Inc.
Client Project: Lake Linden, MI
Client Sample ID: LLV Beach 2
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME0708668-02
Collection Date: 08/15/07 12:08
Date Received: 08/16/07 09:20

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TOTAL METALS

Method: SW6020A

Prep Date/Time: 08/16/07 13:20 Analyst: AVC

Antimony	A	ND	0.0060		mg/L	5	08/16/07 17:14
Arsenic	A	ND	0.010		mg/L	5	08/16/07 17:14
Barium	A	0.062	0.0020		mg/L	5	08/16/07 17:14
Copper	A	0.032	0.010		mg/L	5	08/16/07 17:14
Lead	A	ND	0.0075		mg/L	5	08/16/07 17:14
Mercury	A	ND	0.00020		mg/L	5	08/16/07 17:14
Silver	A	ND	0.010		mg/L	5	08/16/07 17:14
Vanadium	A	ND	0.0080		mg/L	5	08/17/07 10:38
Zinc	A	ND	0.020		mg/L	5	08/16/07 17:14

ANALYTICAL RESULTS

Date: Friday, August 17, 2007

Client: Environmental Quality Management, Inc.
Client Project: Lake Linden, MI
Client Sample ID: LLV Creek, N, of Bridge
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME0708668-03
Collection Date: 08/15/07 12:00
Date Received: 08/16/07 09:20

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TOTAL METALS

Method: SW6020A

Prep Date/Time: 08/16/07 13:20 Analyst: AVC

Antimony	A	ND	0.0060		mg/L	5	08/16/07 17:19
Arsenic	A	ND	0.010		mg/L	5	08/16/07 17:19
Barium	A	0.20	0.0020		mg/L	5	08/16/07 17:19
Copper	A	0.025	0.010		mg/L	5	08/16/07 17:19
Lead	A	ND	0.0075		mg/L	5	08/16/07 17:19
Mercury	A	ND	0.00020		mg/L	5	08/16/07 17:19
Silver	A	ND	0.010		mg/L	5	08/16/07 17:19
Vanadium	A	ND	0.0080		mg/L	5	08/17/07 10:40
Zinc	A	ND	0.020		mg/L	5	08/16/07 17:19

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 **ME0708668**

Checklist completed by KRS 8/16/2007 9:40:41 AM

Date / Time Received: **8/16/2007 9:20:00 AM**

Received by: KRS

Reviewed by RJM 8/17/2007 8:58:56 AM

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
ME0708668-01A	LLV Beach 1	
ME0708668-02A	LLV Beach 2	
ME0708668-03A	LLV Creek, N, of Bridge	

CLIENT: Environmental Quality Management, Inc.

Work Order: ME0708668

Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54885

Sample ID: MB070816-5	SampType: MBLK	TestCode: 6020W	Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM	Run ID: ICPMS-1_070816B						
Client ID: ZZZZZ	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/16/2007 5:01:00 PM	SeqNo: 1596014						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.0001639	0.0060									J
Arsenic	ND	0.010									
Barium	ND	0.0020									
Copper	ND	0.010									
Lead	ND	0.0075									
Mercury	0.0001122	0.00020									J
Silver	ND	0.010									
Zinc	ND	0.020									

Sample ID: MB070816-5	SampType: MBLK	TestCode: 6020W	Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM	Run ID: ICPMS-1_070817A						
Client ID: ZZZZZ	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/17/2007 10:31:00 AM	SeqNo: 1596154						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	ND	0.0080									

Sample ID: LCS070816-5		SampType: LCS	TestCode: 6020W		Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM			Run ID: ICPMS-1_070816B		
Client ID: ZZZZZ		Batch ID: 54885	TestNo: SW6020A			Analysis Date: 8/16/2007 5:06:00 PM			SeqNo: 1596015		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.161	0.0060	2	0	108	85	115	0	0		
Arsenic	2.054	0.010	2	0	103	85	115	0	0		
Barium	2.182	0.0020	2.2	0	99.2	85	115	0	0		
Copper	0.1924	0.010	0.2	0	96.2	85	115	0	0		
Lead	1.943	0.0075	2	0	97.1	85	115	0	0		
Mercury	0.009209	0.00020	0.01	0	92.1	85	115	0	0		
Silver	0.1932	0.010	0.2	0	96.6	85	115	0	0		
Zinc	1.921	0.020	2	0	96	85	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Environmental Quality Management, Inc.
Work Order: ME0708668
Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54885

Sample ID: LCS070816-5	SampType: LCS	TestCode: 6020W	Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM	Run ID: ICPMS-1_070817A						
Client ID: ZZZZZ	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/17/2007 10:33:00 AM	SeqNo: 1596155						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	1.93	0.0080	2	0	96.5	85	115	0	0		

Sample ID: ME0708668-03AMS		SampType: MS	TestCode: 6020W		Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM			Run ID: ICPMS-1_070816B		
Client ID: LLV Creek, N, of Bri	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/16/2007 5:23:00 PM			SeqNo: 1596019				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.104	0.0060	2	0	105	70	130	0	0		
Arsenic	2.028	0.010	2	0	101	70	130	0	0		
Barium	2.324	0.0020	2.2	0.195	96.8	70	130	0	0		
Copper	0.2134	0.010	0.2	0.02465	94.4	70	130	0	0		
Lead	1.881	0.0075	2	0	94	70	130	0	0		
Mercury	0.008968	0.00020	0.01	0	89.7	70	130	0	0		
Silver	0.1836	0.010	0.2	0	91.8	70	130	0	0		
Zinc	1.881	0.020	2	0	94	70	130	0	0		

Sample ID: ME0708668-03AMS	SampType: MS	TestCode: 6020W	Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM	Run ID: ICPMS-1_070817A						
Client ID: LLV Creek, N, of Bri	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/17/2007 10:43:00 AM	SeqNo: 1596159						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	1.945	0.0080	2	0	97.3	70	130	0	0		

Sample ID: ME0708668-03AMSD		SampType: MSD	TestCode: 6020W		Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM			Run ID: ICPMS-1_070816B		
Client ID: LLV Creek, N, of Bri		Batch ID: 54885	TestNo: SW6020A			Analysis Date: 8/16/2007 5:27:00 PM			SeqNo: 1596020		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.179	0.0060	2	0	109	70	130	2.104	3.50	20	
Arsenic	2.058	0.010	2	0	103	70	130	2.028	1.49	20	
Barium	2.401	0.0020	2.2	0.195	100	70	130	2.324	3.26	20	
Copper	0.2193	0.010	0.2	0.02465	97.3	70	130	0.2134	2.73	20	
Lead	1.97	0.0075	2	0	98.5	70	130	1.881	4.65	20	
Mercury	0.00937	0.00020	0.01	0	93.7	70	130	0.008968	4.38	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Environmental Quality Management, Inc.
Work Order: ME0708668
Project: Lake Linden, MI

ANALYTICAL QC SUMMARY REPORT

BatchID: 54885

Sample ID: ME0708668-03AMSD	SampType: MSD	TestCode: 6020W	Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM	Run ID: ICPMS-1_070816B						
Client ID: LLV Creek, N, of Bri	Batch ID: 54885	TestNo: SW6020A		Analysis Date: 8/16/2007 5:27:00 PM	SeqNo: 1596020						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	0.1914	0.010	0.2	0	95.7	70	130	0.1836	4.13	20	
Zinc	1.93	0.020	2	0	96.5	70	130	1.881	2.57	20	

Sample ID: ME0708668-03AMSD		SampType: MSD	TestCode: 6020W		Units: mg/L	Prep Date: 8/16/2007 1:20:00 PM			Run ID: ICPMS-1_070817A		
Client ID: LLV Creek, N, of Bri		Batch ID: 54885	TestNo: SW6020A			Analysis Date: 8/17/2007 10:45:00 AM			SeqNo: 1596160		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	1.881	0.0080	2	0	94.1	70	130	1.945	3.35	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

