

Wash. Co.  
General file



State of Ohio Environmental Protection Agency

2009 JUL -2 AM 11:03

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

April 23, 2009

**WASHINGTON COUNTY  
GENERAL FILE  
(STERLING SERVICE STORE)  
DHWM/SEDO  
OHR000028100**

Mr. Evan Chichester  
Sterling Service Store  
400 Second Street  
Marietta, Ohio 45750

Dear Mr. Chichester:

On February 6, 2008, Ohio EPA conducted a compliance evaluation inspection at your garage located at 400 Second Street in Marietta to determine compliance with Ohio's hazardous waste laws and regulations as found in the Ohio Revised Code (ORC) and the Ohio Administrative Code (OAC). This letter will explain the violation I found and what you need to do to correct the violation. Ohio EPA sent you a Notice of Violation letter on February 14, 2008, and has not received a response from you to date.

I found the following violation of Ohio's hazardous waste laws. In order to correct this violation, you must do the following and send me the required information **within 30 days** of your receipt of this letter:

- (1) **OAC Rule 3745-279-72(A), On-Specification Used Oil Fuel:** Analysis of used oil fuel. A generator, transporter, processor/re-refiner, or burner shall determine that used oil that is to be burned for energy recovery meets the fuel specifications of rule 3745-279-11 of the Administrative Code by performing analyses or obtaining copies of analyses or other information documenting that the used oil fuel meets the specifications.

During the inspection, you indicated that used oil is given to Boley's Garage to burn in their used oil shop heater. However, you have not analyzed the oil to determine if it meets the used oil specifications in OAC 3745-279-11, in violation of this rule. If Sterling Service Store wants to continue giving used oil to Boley's Garage to burn in a used oil shop heater, the used oil has to meet the specifications in OAC 3745-279-11. The specifications are as follows:

<u>Constituent</u>	<u>Allowable Level</u>
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Flash Point	100 degF minimum
Total Halogens	4,000 ppm maximum <sup>1</sup>

Mr. Evan Chichester  
Sterling Service Store  
April 23, 2009  
Page 2

To abate this violation, you or Boley's Garage must test the used oil to determine if the specifications are being met, and submit the results to this office. This entails submitting a sample of the used oil to a laboratory for analysis.

<sup>1</sup>Used oil containing more than one thousand parts per million (ppm) total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under OAC 3745-279-10(B)(1).

#### GENERAL COMMENT

- (a) As we discussed during the inspection, Ohio EPA recommends that Sterling Service Store begin recycling used oil filters. Attached is a guidance document regarding used oil filters and a listing of companies that recycle filters.

As discussed during the inspection, you may be able to reduce the waste your company generates. If you find ways to recycle, reduce, or altogether eliminate the amount of waste that your company generates, you may be able to reduce treatment and disposal costs, and you may possibly reduce your regulatory requirements. The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You may benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. You can find more information about pollution prevention, including fact sheets, at the following web address: [http://www.epa.state.oh.us/ocapp\\_recycle.html](http://www.epa.state.oh.us/ocapp_recycle.html). If you would like to be considered for an in-depth on-site pollution prevention assessment, or if you would like more information about pollution prevention assessments, please contact me.

Should you have any questions, please feel free to contact me at (740) 380-5288. You can find copies of the rules and other information on the division's web page at <http://www.epa.state.oh.us/dhwm>.

Sincerely,



Scott N. Bergreen  
Environmental Specialist  
Division of Hazardous Waste Management

SNB/jg

**NOTICE:**

Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.

**STERLING SERVICE STORE**

400 2ND ST. 373-1701  
MARIETTA, OH 45750-2115

1-75

30645

DATE 6-23-09

56-250/442  
07

PAY  
TO THE  
ORDER OF

Microbac Labs

\$ 210.00

Two hundred ten NO/100

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FOR

Ohio EPA used oil testg. Sylvia Chester

⑈030645⑈ ⑈044202505⑈000000000024475⑈

Stephanie

Invoice Date  
25-JUN-2009

Invoice Number  
602199

Microbac Laboratories Inc.

INVOICE

**BILL TO:**

CASH

**REMIT TO:**

Microbac Laboratories Inc.  
158 Starlite Drive

Marietta, OH 45750

**Terms:**

**Client Proj #:**

**Taskorder #:**

**Tax ID #:**

**Project Site:** MARIETTA OHIO

**Lab Acct #:** 2069  
**Lab Proj #:** 2069.224  
**PO #:** XXXX

**MSA/BOA #:**

**Comments:**

**Comments:** PAID W/ CHECK NO. 30645

**Reported:** Mailed to Sammy Chichester, ,

*Thank you!  
Amarda Jickisen*

2009 JUL -2 AM 11:03

Login Number: L09060611

Received On: 23-JUN-2009

Analysis	Description	Analytical Method	Qty	Unit Price	Your Price
PB	Lead, Total	6010B\3050B	1	\$ 12.50	\$ 12.50
FLASH	Ignitability	1010	1	\$ 37.50	\$ 37.50
TX	Total Halides	SW5050	1	\$ 37.50	\$ 37.50
AS	Arsenic, Total	6010B\3050B	1	\$ 35.00	\$ 35.00
DIG-ICP	Digestion - ICP		1	\$ .00	\$ 0.00
CR	Chromium, Total	6010B\3050B	1	\$ 12.50	\$ 12.50
CD	Cadmium, Total	6010B\3050B	1	\$ 12.50	\$ 12.50
BOMB-F	Bomb Calorimetry-Bomb Fee		1	\$ 62.50	\$ 62.50

1 Samples; 11 Analyses;

**Total Amount Due: \$ 210.00**

Questions about this invoice?  
Please contact our Client Services  
Team at (800)373-4071

FOR APPROVAL ONLY





Client: <i>Starling Service Store</i>
Workorder Number: <i>B 27896</i>
Date Received: <i>6-23-09</i>
Delivered by: <input type="checkbox"/> Fedx <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Courier Time: <i>1130</i>
Opened by: <i>EDM</i>
IR Temp Gun: <input checked="" type="checkbox"/> G <i>NA</i> <input type="checkbox"/> H
Logged by: <i>RCK</i> L <i>09060611</i>

**Cooler information**

Cooler ID	Temp C	Airbill#	COC#	Other
<i>NA</i>	<i>NA</i>	<i>/</i>	<i>11929</i>	

**Inspection Checklist**

	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?			<input checked="" type="checkbox"/>	
Were custody seals intact?			<input checked="" type="checkbox"/>	
Were cooler temperatures in range of 0 - 6?			<input checked="" type="checkbox"/>	
Was ice present?			<input checked="" type="checkbox"/>	
Were COC's received/ information complete/signed and dated?	<input checked="" type="checkbox"/>			
Were sample containers and labels intact and match COC?	<input checked="" type="checkbox"/>			
Were the correct containers and volumes received?	<input checked="" type="checkbox"/>			
Were correct preservatives used? (water only)			<input checked="" type="checkbox"/>	
Were pH ranges acceptable? (voa's excluded)			<input checked="" type="checkbox"/>	
Were VOA samples free of headspace (< 6mm)?			<input checked="" type="checkbox"/>	
Were samples received within EPA hold times?	<input checked="" type="checkbox"/>			

**Discrepancy/Comments/Other Problems**


**Distribution**

Name of Microbac representative:
Client/Company:
Person Contacted:
Date contacted:

**Resolution/other comments:**


158 Starlite Drive, Marietta, OH 45750 • T:740-373-4071 • F:740-373-4835 • <http://www.microbac.com>

**Laboratory Report Number: L09060611**

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories.

Review and compilation of your report was completed by Microbac's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact your team member noted in the reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

<b>Kathy Albertson</b>	<i>Team Chemist/Data Specialist</i>	<a href="mailto:kalbertson@microbac.com">kalbertson@microbac.com</a>
<b>Stephanie Mossburg</b>	<i>Team Chemist/Data Specialist</i>	<a href="mailto:smossburg@microbac.com">smossburg@microbac.com</a>
<b>Tony Long</b>	<i>Team Chemist/Data Specialist</i>	<a href="mailto:tlong@microbac.com">tlong@microbac.com</a>
<b>Amanda Fickiesen</b>	<i>Client Services Specialist</i>	<a href="mailto:afickiesen@microbac.com">afickiesen@microbac.com</a>
<b>Annie Brown</b>	<i>Client Services Specialist</i>	<a href="mailto:abrown@microbac.com">abrown@microbac.com</a>

This report was reviewed on June 30, 2009.

*Amanda Fickiesen*

Amanda Fickiesen - Client Services Specialist

I certify that all test results meet all of the requirements of the accrediting authority listed below. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories.

This report was certified on June 30, 2009.

*David E. Vandenberg*

David Vandenberg - Managing Director

State of origin: Ohio

Accrediting authority: N/A ID:N/A

QAPP: Microbac OVD

This report contains a total of 8 pages.

***Look closer. Go further. Do more.***



Microbac Laboratories Inc.  
METALS

Microbac Login No: L09060611

**METHOD**

Preparation: SW-846 3051

Analysis: SW-846 6010

**HOLDING TIMES**

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

**PREPARATION**

Sample preparation proceeded normally.

**CALIBRATION**

Initial Calibrations: All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Interference Check Samples: All acceptance criteria were met.

Continuing Calibration: All acceptance criteria were met.

**BATCH QA/QC**

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Serial Dilution/Post Digestion Spike: WG305567(6010) - All acceptance criteria were met.

**SAMPLES**

All acceptance criteria were met.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Microbac Laboratories Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: EDA

Approved: 29-JUN-09

*Eric L. Babcock*

LABORATORY REPORT

L09060611

06/30/09 10:44

Submitted By

Microbac Laboratories Inc.  
158 Starlite Drive  
Marietta, OH 45750  
740-373-4071

For

Account Name: CASH

Attention: Sammy Chichester

Project Number: 2069.224  
Project: Sterling Service Store  
Site: MARIETTA OHIO  
Invoice Number: 602199

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
OIL	L09060611-01	06/23/2009 11:00	06/23/2009

Microbac Laboratories Inc.

Report Number: L09060611  
 Report Date : June 30, 2009

Sample Number: L09060611-01  
 Client ID: OIL  
 Matrix: Oil  
 Workgroup Number: WG305567  
 Collect Date: 06/23/2009 11:00  
 Sample Tag: 01

PrePrep Method: NONE  
 Prep Method: 3051  
 Analytical Method: 6010B  
 Analyst: BDA  
 Dilution: 1  
 Units: mg/kg

Instrument: ICP-THERMO2  
 Prep Date: 06/24/2009 06:30  
 Cal Date: 06/24/2009 11:33  
 Run Date: 06/24/2009 14:56  
 File ID: T2.062409.145638

Analyte	CAS. Number	Result	Qual	RL	MDL
Arsenic, Total	7440-38-2		ND	18.5	1.85
Cadmium, Total	7440-43-9		ND	1.85	0.185
Chromium, Total	7440-47-3		ND	3.69	0.443
Lead, Total	7439-92-1		ND	18.5	1.85

ND Not detected at or above the reporting limit (RL).

Sample Number: L09060611-01  
 Client ID: OIL  
 Matrix: Oil  
 Workgroup Number: WG305411  
 Collect Date: 06/23/2009 11:00

PrePrep Method: NONE  
 Prep Method: 1010  
 Analytical Method: 1010  
 Analyst: JBK  
 Dilution: 1  
 Units: Degrees C

Instrument: PRECISION  
 Prep Date: 06/23/2009 13:20  
 Cal Date:  
 Run Date: 06/23/2009 13:20  
 File ID: PR09062415100401

Analyte	CAS. Number	Result	Qual	RL	MDL
Ignitability		95.0	>		

> Result is greater than the associated numerical value.

Sample Number: L09060611-01  
 Client ID: OIL  
 Matrix: Oil  
 Workgroup Number: WG305529  
 Collect Date: 06/23/2009 11:00

PrePrep Method: NONE  
 Prep Method: SW5050  
 Analytical Method: SW5050  
 Analyst: JBK  
 Dilution: 1  
 Units: mg/kg

Instrument: BURET  
 Prep Date: 06/24/2009 09:25  
 Cal Date:  
 Run Date: 06/24/2009 09:25  
 File ID: ET.0906240925-04

Analyte	CAS. Number	Result	Qual	RL	MDL
Total Halides			ND	500	250

ND Not detected at or above the reporting limit (RL).

Microbac Laboratories Inc.  
Analyst Listing  
June 30, 2009

---

ADC - ANTHONY D. CANTER	AJF - AMANDA J. FICKIESEN	ALB - ANNIE L. BROWN
AML - ANTHONY M. LONG	BRG - BRENDA R. GREGORY	CAA - CASSIE A. AUGENSTEIN
CAF - CHERYL A. FLOWERS	CAH - CHARLES A. HALL	CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD	CLW - CHARISSA L. WINTERS	CPD - CHAD P. DAVIS
CSH - CHRIS S. HILL	DDE - DEBRA D. ELLIOTT	DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG	DGB - DOUGLAS G. BUTCHER	DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER	DLP - DOROTHY L. PAYNE	DLR - DIANNA L. RAUCH
DR - DEANNA ROBERTS	ECL - ERIC C. LAWSON	EDA - ERIN D. AGEE
ERP - ERIN R. PORTER	FJB - FRANCES J. BOLDEN	HAV - HEMA VILASAGAR
HJR - HOLLY J. REED	JBK - JEREMY B. KINNEY	JDH - JUSTIN D. HESSON
JKT - JANE K. THOMPSON	JWR - JOHN W. RICHARDS	JWS - JACK W. SHEAVES
JYH - JI Y. HU	KEB - KATHRYN E. BARNES	KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON	LKN - LINDA K. NEDEFF	LSB - LESLIE S. BUCINA
MDA - MIKE D. ALBERTSON	MDC - MICHAEL D. COCHRAN	MES - MARY E. SCHILLING
MMB - MAREN M. BEERY	MRT - MICHELLE R. TAYLOR	MSW - MATT S. WILSON
NPM - NATHANIEL P. MILLER	PDM - PIERCE D. MORRIS	RAH - ROY A. HALSTEAD
RB - ROBERT BUCHANAN	REK - ROBERT E. KYER	RLK - ROSIN L. KLINGER
RWC - RODNEY W. CAMPBELL	SDH - SHANA D. HINYARD	SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF	TIP - TAE I. PARRISH	TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS	VC - VICKI COLLIER	WTD - WADE T. DELONG

## Microbac Laboratories Inc.

## List of Valid Qualifiers

June 30, 2009

Qualkey: STD

Qualifier	Description
-	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit, method of standard additions(MSA)
FL	Free Liquid
H1	Sample analysis performed past holding time.
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL).
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below

**\*\*\*Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix III/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.



Client: <i>Sterling Service Store</i>
Workorder Number: <i>B 27896</i>
Date Received: <i>6-23-09</i>
Delivered by: <input type="checkbox"/> Fedx <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Courier Time: <i>1130</i>
Opened by: <i>EDM</i>
IR Temp Gun: <input type="checkbox"/> G <input checked="" type="checkbox"/> NA <input type="checkbox"/> H
Logged by: <i>RKC</i> L <i>09660611</i>

**Cooler information**

Cooler ID	Temp C	Airbill#	COC#	Other
<i>NA</i>	<i>NA</i>	<i>✓</i>	<i>113.79</i>	

**Inspection Checklist**

	Y	N	NA	Discrepancy ID
Were shipping coolers sealed?			<input checked="" type="checkbox"/>	
Were custody seals intact?			<input checked="" type="checkbox"/>	
Were cooler temperatures in range of 0 - 6?			<input checked="" type="checkbox"/>	
Was ice present?			<input checked="" type="checkbox"/>	
Were COC's received/ information complete/signed and dated?	<input checked="" type="checkbox"/>			
Were sample containers and labels intact and match COC?	<input checked="" type="checkbox"/>			
Were the correct containers and volumes received?	<input checked="" type="checkbox"/>			
Were correct preservatives used? (water only)			<input checked="" type="checkbox"/>	
Were pH ranges acceptable? (voa's excluded)			<input checked="" type="checkbox"/>	
Were VOA samples free of headspace (< 6mm)?			<input checked="" type="checkbox"/>	
Were samples received within EPA hold times?	<input checked="" type="checkbox"/>			

**Discrepancy/Comments/Other Problems**


**Distribution**

Name of Microbac representative:
Client/Company:
Person Contacted:
Date contacted:

**Resolution/other comments:**
