OhioEPA

State of Ohio Environmental Protection Agency

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

CERTIFIED MAIL: 7006 3450 0001 9054 7250

August 14, 2007

JEFFERSON COUNTY
HORVATH STREET RODS
DHWM/SEDO
OHD018389338

Mr. Tom Horvath
Steel Valley Rod & Custom
118 Ashland Avenue
Canonsburg, PA 15317-1727

Dear Mr. Horvath:

This letter is regarding the waste from operations at Horvath Street Rods which was abandoned in the parking lot at 711 Franklin Street, Toronto, Ohio.

On May 15, 2007, while conducting inspections in Toronto, Ohio, John Rochotte of Ohio EPA and I drove past 711 Franklin Street, where you had previously operated Horvath Street Rods. We observed that operations at the shop had ceased. In the parking lot, we saw three rusting 55-gallon drums and one 5-gallon metal container that had been abandoned. The bungs on these closed top drums were all missing. When we approached the drums, we noted a strong solvent odor. The 5-gallon container contained a substance that looked like used oil.

Ohio EPA contacted the Jefferson County Auditor's Office and obtained contact information for the property owner. The property owner was contacted and made aware of the drums at the property. Ohio EPA requested and received the owner's permission to return to the property and sample the drums.

On June 11, 2007, John Rochotte and I collected samples from two of the three 55-gallon drums at the property to determine if the waste was hazardous. Analysis of the rusty drum (FS-1) indicated the waste as an ignitable hazardous waste (D001) and confirmed the presence of the following constituents: acetone, naphthalene, toluene, xylene, and benzene compounds. Analysis of the blue and white drum (FS-2) indicated the presence of methyl ethyl ketone. The lab data from the drum sampling is included as an attachment to this letter.

I contacted you by phone on June 11, 2007, to ask you about the abandoned containers of waste and to let you know about the sampling. You stated that it had been one and half years or two years since Horvath Street Rods had operated. You indicated that you would probably call Safety Kleen and have them take the drums of waste for disposal. At the time of this call, the

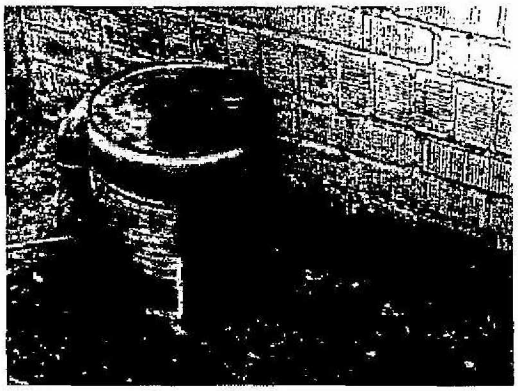
drums and 5-gallon container were still on the property. Horvath Street Rods must immediately take steps to secure these open containers of waste. With the containers unsecured, there is a danger of the containers being knocked over and releasing hazardous waste to the ground, causing environmental harm.

I spoke with you again on August 3, 2007 to tell you about the sample results and to let you know about the notice of violation you would be receiving from Ohio EPA. During this phone call, you stated that you would be working with Tammy Seiler of Global Environmental to have the waste sampled and removed.

Ohio EPA has assessed Horvath's compliance with Ohio's hazardous waste laws as found in Chapter 3734. of the Ohio Revised Code (ORC) and Chapter 3745. of the Ohio Administrative Code (OAC). Horvath Street Rods has been found to be in violation of the following Ohio hazardous waste laws:

(1) ***OAC Rule 3745-52-11, Waste Evaluation***:
Any person who generates a waste as defined in rule 3745-51-02 of the Ohio Administrative Code (OAC) must evaluate the waste to determine if the waste is a hazardous waste in accordance with the criteria set forth in OAC Chapter 3745-51.

Horvath Street Rods abandoned, as pictured below, three 55-gallon drums and one 5-gallon container of waste in the parking lot of the closed facility. Horvath Street Rods has failed to determine if the contents of these abandoned containers are hazardous waste.



In order to return to compliance with this rule, you must immediately evaluate these wastes to determine if they are listed or characteristic hazardous wastes. Enclosed with this letter is a fact sheet titled *Identifying Your Hazardous Waste,* which provides details on how to evaluate waste. Ohio EPA has determined that the D001 waste code applies

for some of your waste. You may use this information as a component of your evaluation. However, you must determine if other waste codes apply (for example methyl ethyl ketone may indicate an F-listed waste). If sampling is done to evaluate the waste, you must provide Ohio EPA with 5 days advanced notice to allow Ohio EPA the opportunity to observe the sampling. **To demonstrate your compliance with this rule, submit documentation of your waste evaluation to this office for review within 30 days of your receipt of this letter. The documentation you submit must state what hazardous waste codes apply to each waste and what information was used to make the waste determination.**

(2) ***ORC §3734.02(E) and (F), Prohibitions:***

(E) No person shall establish or operate a hazardous waste facility, or use a solid waste facility for the storage, treatment, or disposal of any hazardous waste, without a hazardous waste facility installation and operation permit issued in accordance with section 3734.05 of the Revised Code.

(F) No person shall store, treat, or dispose of hazardous waste identified or listed under this chapter and rules adopted under it, regardless of whether generated on or off the premises where the waste is stored, treated, or disposed of, or transport or cause to be transported any hazardous waste identified or listed under this chapter and rules adopted under it to any other premises, except a permitted hazardous waste facility.

Horvath Street Rods has established a hazardous waste treatment, storage and disposal facility without a permit by abandoning hazardous waste in the parking lot of their closed facility at 711 Franklin Street, Toronto, Ohio.

To abate this violation Horvath Street Rods must have all hazardous waste transported off-site to a permitted hazardous waste treatment, storage and disposal facility. Transportation must be done by a hazardous waste transporter who has a U.S. EPA identification number for hazardous waste transport. You must provide Ohio EPA with 5 days advanced notice of the date and time the containers will be collected by the hazardous waste transporter to allow Ohio EPA the opportunity to be present when the waste is removed. **Within 30 days of your receipt of this letter, you must provide Ohio EPA with hazardous waste manifests documenting proper disposal of all hazardous waste.**

Since Horvath Street Rods violated ORC §3734.02(E) and (F), Horvath Street Rods is subject to all applicable general facility standards found in OAC chapters 3745-54 and 55. Additionally, at any time Ohio EPA may assert its right to have Horvath Street Rods begin facility-wide cleanup pursuant to the Corrective Action process under Ohio law.

Be advised that due to the nature of the violation Ohio EPA may require closure at this site pursuant to OAC rules 3745-55-11 through 3745-55-20 and OAC rules 3745-55-42 through 3745-55-47.

Should you have any questions regarding this letter, please feel free to contact me at (740) 380-5248. 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,

Elizabeth A. Herron

Elizabeth A. Herron
Environmental Specialist
Division of Hazardous Waste Management

EAH/mlm

Enclosures

cc: Wendell Reese, Sr. (with enclosures)

KEMRON
ENVIRONMENTAL SERVICES

156 Starlite Drive, Marietta, OH 45750 • TEL 740-373-4071 • FAX 740-373-4835 • http://www.kemron.com

Laboratory Report Number: L0706280

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON'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 bleow at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

Debra Elliott - Team Leader
delliott@kemron-lab.com

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Brenda Gregory - Client Services Specialist
bgregory@kemron-lab.com

This report was reviewed on June 26, 2007.

Amanda Fickiesen

AMANDA FICKIESEN - Client Services Specialist

I certify that all test results meet all of the requirements of the NELAP standards and other applicable contract terms and conditions. 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 KEMRON Environmental Services.

This report was certified on June 26, 2007.

David E. Vandenberg

David Vandenberg - Vice President

FL DOH NELAP ID: E8755
This report contains a total of 44 pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0706280

06/26/07 16:55

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: Ohio Environmental Protection Agency
2195 Front Street

Logan, OH 43138
Attention: Scott Bergreen

Account Number: 2755
Work ID: FRANKLIN STREET

P.O. Number: L21223

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
FS-1	L0706280-01	06/11/2007 10:50	06/12/2007
FS-2	L0706280-02	06/11/2007 11:00	06/12/2007

KEMRON ENVIRONMENTAL SERVICES
GC/MS VOLATILE ORGANICS

KEMRON Login No.: L0706280

METHOD

Preparation: SW-846 5030B

Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial Calibration: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Matrix Spike: The MS/MSD results were not associated with this sample delivery group (SDG), due to insufficient volume of sample. Kemron recommends site specific MS/MSD samples to avoid possible data qualifications.

SAMPLES

Internal Standards: All acceptance criteria were met.

Surrogates: Surrogates diluted out in the analysis of sample 01.

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 KEMRON Environmental Services, 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: MES

Approved: 26-JUN-07

KEMRON ENVIRONMENTAL SERVICES
GENERAL CHEMISTRY

KEMRON Login No.: L0706280

METHOD

Analysis: See report for method reference.

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.

Matrix Spikes: All acceptance criteria were met.

SAMPLES

There were no technical difficulties with the sample group.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, 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: DIH

Approved: 23-JUN-07

KEMRON ENVIRONMENTAL SERVICES

Report Number: L0706280
Report Date : June 26, 2007

Sample Number: L0706280-01
Client ID: FS-1
Matrix: Oil
Workgroup Number: WG243132
Collect Date: 06/11/2007 10:50

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

Instrument: PRECISION
Prep Date: 06/21/2007 08:00
Cal Date:
Run Date: 06/21/2007 08:00
File ID: PR07062209584701

Analyte	CAS. Number	Result	Qual	RL	MDL
Ignitability		58.0			

Sample Number: L0706280-01
Client ID: FS-1
Matrix: Oil
Workgroup Number: WG243231
Collect Date: 06/11/2007 10:50
Sample Tag: DL01

PrePrep Method: NONE
Prep Method: 5030B
Analytical Method: 8260B
Analyst: MES
Dilution: 5000
Units: ug/kg

Instrument: HPMS10
Prep Date: 06/22/2007 12:01
Cal Date: 05/17/2007 15:55
Run Date: 06/22/2007 12:01
File ID: 10M56338

Analyte	CAS. Number	Result	Qual	RL	MDL
Acetone	67-64-1	305000	J	538000	269000
Benzene	71-43-2		U	269000	26900
Bromobenzene	108-86-1		U	269000	26900
Bromochloromethane	74-97-5		U	269000	26900
Bromodichloromethane	75-27-4		U	269000	26900
Bromoform	75-25-2		U	269000	26900
Bromomethane	74-83-9		U	538000	53800
2-Butanone	78-93-3		U	538000	134000
n-Butylbenzene	104-51-8	243000	J	269000	26900
sec-Butylbenzene	135-98-8	73400	J	269000	26900
tert-Butylbenzene	98-06-6		U	269000	26900
Carbon disulfide	75-15-0		U	269000	26900
Carbon tetrachloride	56-23-5		U	269000	26900
Chlorobenzene	108-90-7		U	269000	26900
Chlorodibromomethane	124-48-1		U	269000	26900
Chloroethane	75-00-3		U	538000	53800
2-Chloroethyl vinyl ether	110-75-8		U	538000	108000
Chloroform	67-66-3		U	269000	26900
Chloromethane	74-87-3		U	538000	108000
2-Chlorotoluene	95-49-8		U	269000	26900
4-Chlorotoluene	106-43-4		U	269000	26900
1,2-Dibromo-3-chloropropane	96-12-8		U	269000	108000
1,2-Dibromoethane	106-93-4		U	269000	26900
Dibromomethane	74-95-3		U	269000	26900
1,2-Dichlorobenzene	95-50-1		U	269000	26900
1,3-Dichlorobenzene	541-73-1		U	269000	26900
1,4-Dichlorobenzene	106-46-7		U	269000	26900
Dichlorodifluoromethane	75-71-8		U	538000	53800
1,1-Dichloroethane	75-34-3		U	269000	53800
1,2-Dichloroethane	107-06-2		U	269000	26900
1,1-Dichloroethene	75-35-4		U	269000	26900
cis-1,2-Dichloroethene	156-59-2		U	269000	26900
trans-1,2-Dichloroethene	156-60-5		U	269000	26900
1,2-Dichloropropane	78-87-5		U	269000	26900

KEMRON ENVIRONMENTAL SERVICES

Report Number: L0706280
Report Date : June 26, 2007

Sample Number: L0706280-01
Client ID: FS-1
Matrix: Oil
Workgroup Number: WG243231
Collect Date: 06/11/2007 10:50
Sample Tag: DL01

PrePrep Method: NONE
Prep Method: 5030B
Analytical Method: 8260B
Analyst: MES
Dilution: 5000
Units: ug/kg

Instrument: HPMS10
Prep Date: 06/22/2007 12:01
Cal Date: 05/17/2007 15:55
Run Date: 06/22/2007 12:01
File ID: 10M56338

Analyte	CAS. Number	Result	Qual	RL	MDL
1,3-Dichloropropane	142-28-9		U	269000	26900
2,2-Dichloropropane	594-20-7		U	269000	26900
cis-1,3-Dichloropropene	10061-01-5		U	269000	26900
trans-1,3-Dichloropropene	10061-02-6		U	269000	26900
1,1-Dichloropropene	563-58-6		U	269000	26900
Ethylbenzene	100-41-4	1050000		269000	26900
2-Hexanone	591-78-6		U	538000	134000
Hexachlorobutadiene	87-68-3		B	269000	26900
Isopropylbenzene	98-82-8	204000	J	269000	26900
p-Isopropyltoluene	99-87-6	44800	J	269000	26900
4-Methyl-2-pentanone	108-10-1		U	538000	134000
Methylene chloride	75-09-2		U	269000	53800
Naphthalene	91-20-3	532000	J	538000	26900
n-Propylbenzene	103-65-1	771000		269000	26900
Styrene	100-42-5		U	269000	26900
1,1,1,2-Tetrachloroethane	630-20-6		U	269000	26900
1,1,2,2-Tetrachloroethane	79-34-5		U	269000	26900
Tetrachloroethene	127-18-4		U	269000	26900
Toluene	108-88-3	4840000		269000	26900
1,2,3-Trichlorobenzene	87-61-6		B	269000	26900
1,2,4-Trichlorobenzene	120-82-1		U	269000	26900
1,1,1-Trichloroethane	71-55-6		U	269000	26900
1,1,2-Trichloroethane	79-00-5		U	269000	26900
Trichloroethene	79-01-6		U	269000	26900
Trichlorofluoromethane	75-69-4		U	538000	53800
1,2,3-Trichloropropane	96-18-4		U	269000	53800
1,2,4-Trimethylbenzene	95-63-6	4640000		269000	26900
1,3,5-Trimethylbenzene	108-67-8	1220000		269000	26900
Vinyl acetate	108-05-4		U	538000	53800
Vinyl chloride	75-01-4		U	538000	53800
o-Xylene	95-47-6	1350000		269000	26900
m-,p-Xylene	136777-61-2	3350000		269000	26900

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane		80	120	DL
1,2-Dichloroethane-d4		80	120	DL
Toluene-d8		81	117	DL
4-Bromofluorobenzene		74	121	DL

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL
DL Surrogate or spike compound was diluted out
B Analyte present in method blank

KEMRON ENVIRONMENTAL SERVICES

Report Number: L0706280
Report Date : June 26, 2007

Sample Number: L0706280-02
Client ID: FS-2
Matrix: Leachate
Workgroup Number: WG243140
Collect Date: 06/11/2007 11:00
Sample Tag: DL01

PrePrep Method: 1311
Prep Method: 5030B
Analytical Method: 8260B
Analyst: MES
Dilution: 10
Units: ug/L

Instrument: HPMS10
Prep Date: 06/21/2007 20:14
Cal Date: 05/17/2007 15:55
Run Date: 06/21/2007 20:14
File ID: 10M56324

Analyte	CAS.Number	Result	Qual	RL	MDL	EPA HW#	Reg. Limit
Benzene	71-43-2		U	50	1.25	D018	500
Carbon tetrachloride	56-23-5		U	50	2.5	D019	500
Chlorobenzene	108-90-7		U	50	1.25	D021	100000
Chloroform	67-66-3		U	50	1.25	D022	6000
1,2-Dichloroethane	107-06-2		U	50	2.5	D028	500
1,1-Dichloroethene	75-35-4		U	50	5	D029	700
Methyl Ethyl Ketone	78-93-3	26.1	J	100	25	D035	200000
Tetrachloroethene	127-18-4		U	50	2.5	D039	700
Trichloroethene	79-01-6		U	50	2.5	D040	500
Vinyl chloride	75-01-4		U	100	2.5	D043	200

Surrogate	% Recovery	Lower	Upper
Dibromofluoromethane	102	86	118
1,2-Dichloroethane-d4	110	80	120
Toluene-d8	95.9	88	110
4-Bromofluorobenzene	97.9	86	115

U Not detected at or above adjusted sample detection limit
J The analyte was positively identified, but the quantitation was below the RL

Sample Number: L0706280-02
Client ID: FS-2
Matrix: LiqWaste
Workgroup Number: WG243132
Collect Date: 06/11/2007 11:00

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

Instrument: PRECISION
Prep Date: 06/21/2007 08:00
Cal Date:
Run Date: 06/21/2007 08:00
File ID: PR07062209590501

Analyte	CAS. Number	Result	Qual	RL	MDL
Ignitability		76.0	>		

> Result is greater than the associated numerical value.

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis:Ignitability
Analytical Method:1010
Workgroup:WG243132

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-01	FS-1			06/21/07 08:00		PRECISION	DIH
L0706280-02	FS-2			06/21/07 08:00		PRECISION	DIH

Analysis:Ignitability
Extraction Method:1010
Workgroup:WG243132

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-01	FS-1					PRECISION	DIH
L0706280-02	FS-2					PRECISION	DIH

Analysis:
Analytical Method:8260B
Workgroup:WG243140

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-02	FS-2	06/20/07 07:00		06/21/07 20:14	DL01	HPMS10	MES
L0706280-02	FS-2	06/20/07 07:00		06/21/07 20:14	DL01	HPMS10	MES

Analysis:
Extraction Method:5030B
Workgroup:WG243140

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-02	FS-2				243140	HPMS10	MES
L0706280-02	FS-2				243140	HPMS10	MES

WORKGROUP SUMMARY BY METHOD

Analysis:Volatile Organics
Analytical Method:8260B
Workgroup:WG243231

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-01	FS-1			06/22/07 12:01	DL01	HPMS10	MES

Analysis:Volatile Organics
Extraction Method:5030B
Workgroup:WG243231

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0706280-01	FS-1				243231	HPMS10	MES

Kemron Environmental Services
Analyst Listing
June 26, 2007

AJF - AMANDA J. FICKIESEN
AJM - ANTHONY J. MOSSBURG
ALB - ANNIE L. BOCK
ARA - ADRIAN R. ACHTERMANN
ASP - AARON S. PETRIE
BRG - BRENDA R. GREGORY
CAA - CASSIE A. AUGENSTEIN
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS
CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS
CPD - CHAD P. DAVIS
CSH - CHRIS S. HILL
DD - DIANE M. DENNIS
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
DRP - DAVE R. PITZER
DSF - DEBRA S. FREDERICK
DST - DENNIS S. TEPE
ECL - ERIC C. LAWSON
ED - EMILY E. DECKER
ERE - ERIN R. ELDER
FJB - FRANCES J. BOLDEN
HAV - HEMA VILASAGAR
HJR - HOLLY J. REED
JAB - JUANITA A. BECKER
JAL - JOHN A. LENT
JKT - JANE K. THOMPSON
JLS - JANICE L. SCHIMMEL
JNB - JOSHUA N. BOOTH
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KCZ - KEVIN C. ZUMBRO
KEB - KATHRYN E. BARNES
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
KRV - KATHRINE R. VICKERS
LKN - LINDA K. NEDEFF
LSB - LESLIE S. BUCINA
MDA - MIKE D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING
MKZ - MARILYN K. ZUMBRO
MLR - MARY L. ROCHOTTE
MMB - MAREN M. BEERY
MRT - MICHELLE R. TAYLOR
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
PJM - PAUL J. MILLER
RAH - ROY A. HALSTEAD
RB - ROBERT BUCHANAN
REK - ROBERT E. KYER
RNP - RICK N. PETTY
RWC - RODNEY W. CAMPBELL
SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF
SMH - SHAUNA M. HYDE
TDH - TRICIA D. HUCK
TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER
WFM - WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

June 26, 2007

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
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
FL	Free Liquid
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
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
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
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 II/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 an are matrix dependent.

Organic QA/QC

KEMRON Environmental Services

METHOD BLANK SUMMARY

Login Number: L0706280
Blank File ID: 10M56306
Prep Date: 06/21/07 10:43
Analyzed Date: 06/21/07 10:43
Analyst: MES

Work Group: WG243140
Blank Sample ID: WG243140-01
Instrument ID: HPMS10
Method: 8260B

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG243140-02	10M56307	06/21/07 11:15	01
FS-2	L0706280-02	10M56324	06/21/07 20:14	DL01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 801860
Report generated 06/26/2007 15:52

KEMRON Environmental Services

METHOD BLANK SUMMARY

Login Number:L0706280
Blank File ID:10M56334
Prep Date:06/22/07 09:53
Analyzed Date:06/22/07 09:53
Analyst:MES

Work Group:WG243231
Blank Sample ID:WG243231-01
Instrument ID:HPMS10
Method:8260B

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG243231-02	10M56335	06/22/07 10:25	DL01
DUP	WG243231-04	10M56337	06/22/07 11:29	DL01
FS-1	L0706280-01	10M56338	06/22/07 12:01	DL01

KEMRON FORMS - Modified 01/31/2007
Version 1.5 PDF File ID: 801912
Report generated 06/26/2007 16:15

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number: L0706280 Prep Date: 06/21/07 10:43 Sample ID: WG243140-01
Instrument ID: HPMS10 Run Date: 06/21/07 10:43 Prep Method: 5030B
File ID: 10M56306 Analyst: MES Method: 8260B
Workgroup (AAB#): WG243140 Matrix: Leachate Units: ug/L
Contract #: Cal ID: HPMS10-17-MAY-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Carbon tetrachloride	0.250	5.00	0.250	1	U
Chlorobenzene	0.125	5.00	0.125	1	U
Chloroform	0.125	5.00	0.125	1	U
1,2-Dichloroethane	0.250	5.00	0.250	1	U
1,1-Dichloroethene	0.500	5.00	0.500	1	U
Methyl Ethyl Ketone	2.50	10.0	2.50	1	U
Tetrachloroethene	0.250	5.00	0.250	1	U
Trichloroethene	0.250	5.00	0.250	1	U
Vinyl chloride	0.250	10.0	0.250	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	96.1	86	-	118	PASS
1,2-Dichloroethane-d4	97.6	80	-	120	PASS
Toluene-d8	94.6	88	-	110	PASS
4-Bromofluorobenzene	90.2	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID: 801861
Report generated 06/26/2007 15:52

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:L0706280 Prep Date:06/22/07 09:53 Sample ID:WG243231-01
Instrument ID:HPMS10 Run Date:06/22/07 09:53 Prep Method:5030B
File ID:10M56334 Analyst:MES Method:8260B
Workgroup (AAB#):WG243231 Matrix:Oil Units:ug/kg
Contract #: Cal ID:HPMS10-17-MAY-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Acetone	500	1000	500	50	U
Benzene	50.0	500	50.0	50	U
Bromobenzene	50.0	500	50.0	50	U
Bromochloromethane	50.0	500	50.0	50	U
Bromodichloromethane	50.0	500	50.0	50	U
Bromoform	50.0	500	50.0	50	U
Bromomethane	100	1000	100	50	U
2-Butanone	250	1000	250	50	U
n-Butylbenzene	50.0	500	50.0	50	U
sec-Butylbenzene	50.0	500	50.0	50	U
tert-Butylbenzene	50.0	500	50.0	50	U
Carbon disulfide	50.0	500	50.0	50	U
Carbon tetrachloride	50.0	500	50.0	50	U
Chlorobenzene	50.0	500	50.0	50	U
Chlorodibromomethane	50.0	500	50.0	50	U
Chloroethane	100	1000	100	50	U
2-Chloroethyl vinyl ether	200	1000	200	50	U
Chloroform	50.0	500	50.0	50	U
Chloromethane	200	1000	200	50	U
2-Chlorotoluene	50.0	500	50.0	50	U
4-Chlorotoluene	50.0	500	50.0	50	U
1,2-Dibromo-3-chloropropane	200	500	200	50	U
1,2-Dibromoethane	50.0	500	50.0	50	U
Dibromomethane	50.0	500	50.0	50	U
1,2-Dichlorobenzene	50.0	500	50.0	50	U
1,3-Dichlorobenzene	50.0	500	50.0	50	U
1,4-Dichlorobenzene	50.0	500	50.0	50	U
Dichlorodifluoromethane	100	1000	100	50	U
1,1-Dichloroethane	100	500	100	50	U
1,2-Dichloroethane	50.0	500	50.0	50	U
1,1-Dichloroethene	50.0	500	50.0	50	U
cis-1,2-Dichloroethene	50.0	500	50.0	50	U
trans-1,2-Dichloroethene	50.0	500	50.0	50	U
1,2-Dichloropropane	50.0	500	50.0	50	U
1,3-Dichloropropane	50.0	500	50.0	50	U
2,2-Dichloropropane	50.0	500	50.0	50	U
cis-1,3-Dichloropropene	50.0	500	50.0	50	U
trans-1,3-Dichloropropene	50.0	500	50.0	50	U
1,1-Dichloropropene	50.0	500	50.0	50	U
Ethylbenzene	50.0	500	50.0	50	U
2-Hexanone	250	1000	250	50	U
Hexachlorobutadiene	50.0	500	94.3	50	J

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID:801913
Report generated 06/26/2007 16:15

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:L0706280 Prep Date:06/22/07 09:53 Sample ID:WG243231-01
Instrument ID:HPMS10 Run Date:06/22/07 09:53 Prep Method:5030B
File ID:10M56334 Analyst:MES Method:8260B
Workgroup (AAB#):WG243231 Matrix:Oil Units:ug/kg
Contract #: Cal ID:HPMS10-17-MAY-07

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Isopropylbenzene	50.0	500	50.0	50	U
p-Isopropyltoluene	50.0	500	50.0	50	U
4-Methyl-2-pentanone	250	1000	250	50	U
Methylene chloride	100	500	100	50	U
Naphthalene	50.0	1000	65.4	50	J
n-Propylbenzene	50.0	500	50.0	50	U
Styrene	50.0	500	50.0	50	U
1,1,1,2-Tetrachloroethane	50.0	500	50.0	50	U
1,1,2,2-Tetrachloroethane	50.0	500	50.0	50	U
Tetrachloroethene	50.0	500	50.0	50	U
Toluene	50.0	500	50.0	50	U
1,2,3-Trichlorobenzene	50.0	500	68.7	50	J
1,2,4-Trichlorobenzene	50.0	500	51.0	50	J
1,1,1-Trichloroethane	50.0	500	50.0	50	U
1,1,2-Trichloroethane	50.0	500	50.0	50	U
Trichloroethene	50.0	500	50.0	50	U
Trichlorofluoromethane	100	1000	100	50	U
1,2,3-Trichloropropane	100	500	100	50	U
1,2,4-Trimethylbenzene	50.0	500	50.0	50	U
1,3,5-Trimethylbenzene	50.0	500	50.0	50	U
Vinyl acetate	100	1000	100	50	U
Vinyl chloride	100	1000	100	50	U
o-Xylene	50.0	500	50.0	50	U
m-,p-Xylene	50.0	500	50.0	50	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	89.4	52.2	-	122	PASS
1,2-Dichloroethane-d4	91.0	42.7	-	128	PASS
Toluene-d8	89.4	35.2	-	127	PASS
4-Bromofluorobenzene	91.9	25.7	-	158	PASS

MDL Method Detection Limit
RL Reporting/Practical Quantitation Limit
ND Analyte Not detected at or above reporting limit
* Analyte concentration > RL

KEMRON FORMS - Modified 12/07/2006
Version 1.5 PDF File ID:801913
Report generated 06/26/2007 16:15

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706280 Run Date:06/21/2007 Sample ID:WG243140-02
Instrument ID:HPMS10 Run Time:11:15 Prep Method:5030B
File ID:10M56307 Analyst:MES Method:8260B
Workgroup (AAB#):WG243140 Matrix:Leachate Units:ug/L
Contract #: Cal ID:HPMS10-17-MAY-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	20.3	102	80 - 121	
Carbon tetrachloride	20.0	20.5	102	65 - 140	
Chlorobenzene	20.0	20.3	102	80 - 120	
Chloroform	20.0	21.2	106	80 - 125	
1,2-Dichloroethane	20.0	21.5	107	80 - 129	
1,1-Dichloroethene	20.0	20.6	103	80 - 132	
Methyl Ethyl Ketone	20.0	18.1	90.6	30 - 150	
Tetrachloroethene	20.0	20.9	104	80 - 124	
Trichloroethene	20.0	21.2	106	80 - 122	
Vinyl chloride	20.0	25.5	128	65 - 140	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	99.8	86 - 118	PASS
1,2-Dichloroethane-d4	100	80 - 120	PASS
Toluene-d8	96.7	88 - 110	PASS
4-Bromofluorobenzene	93.7	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 12/15/2006
Version 1.5 PDF File ID: 801862
Report generated 06/26/2007 15:52

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number:L0706280 Run Date:06/22/2007 Sample ID:WG243231-02
Instrument ID:HPMS10 Run Time:10:25 Prep Method:5030B
File ID:10M56335 Analyst:MES Method:8260B
Workgroup (AAB#):WG243231 Matrix:Oil Units:ug/kg
Contract #: Cal ID:HPMS10-17-MAY-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Acetone	2000	1660	83.2	20 - 176	
Benzene	2000	1700	85.2	70 - 130	
Bromobenzene	2000	1940	97.1	72 - 131	
Bromochloromethane	2000	1860	93.2	70 - 130	
Bromodichloromethane	2000	1880	94.0	72 - 137	
Bromoform	2000	1490	74.3	49 - 136	
Bromomethane	2000	1830	91.6	37 - 143	
2-Butanone	2000	1730	86.6	37 - 172	
n-Butylbenzene	2000	1830	91.4	70 - 136	
sec-Butylbenzene	2000	1810	90.7	71 - 132	
tert-Butylbenzene	2000	1870	93.6	72 - 130	
Carbon disulfide	2000	1390	69.7	39 - 139	
Carbon tetrachloride	2000	1580	78.9	59 - 136	
Chlorobenzene	2000	1880	94.1	70 - 130	
Chlorodibromomethane	2000	1660	82.8	59 - 136	
Chloroethane	2000	1770	88.5	52 - 135	
2-Chloroethyl vinyl ether	2000	1520	75.8	10 - 239	
Chloroform	2000	1800	90.2	74 - 129	
Chloromethane	2000	1590	79.7	30 - 161	
2-Chlorotoluene	2000	1900	95.0	63 - 147	
4-Chlorotoluene	2000	1880	93.9	70 - 138	
1,2-Dibromo-3-chloropropane	2000	1490	74.6	49 - 127	
1,2-Dibromoethane	2000	1950	97.3	77 - 129	
Dibromomethane	2000	1820	91.2	69 - 130	
1,2-Dichlorobenzene	2000	1820	91.0	70 - 130	
1,3-Dichlorobenzene	2000	1870	93.5	70 - 130	
1,4-Dichlorobenzene	2000	1790	89.6	70 - 130	
Dichlorodifluoromethane	2000	1470	73.7	25 - 130	
1,1-Dichloroethane	2000	1770	88.6	73 - 130	
1,2-Dichloroethane	2000	1850	92.5	63 - 133	
1,1-Dichloroethene	2000	1580	78.9	61 - 133	
cis-1,2-Dichloroethene	2000	1810	90.7	70 - 130	
trans-1,2-Dichloroethene	2000	1710	85.4	72 - 127	
1,2-Dichloropropane	2000	1780	89.1	72 - 130	
1,3-Dichloropropane	2000	1910	95.3	65 - 128	
2,2-Dichloropropane	2000	1780	89.1	66 - 135	
cis-1,3-Dichloropropene	2000	1850	92.3	70 - 142	
trans-1,3-Dichloropropene	2000	1800	90.0	65 - 139	
1,1-Dichloropropene	2000	1750	87.4	57 - 138	
Ethylbenzene	2000	1940	97.0	70 - 130	
2-Hexanone	2000	1680	83.8	39 - 139	

KEMRON FORMS - Modified 12/15/2006
Version 1.5 PDF File ID: 800706
Report generated 06/25/2007 14:57

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE (LCS)

Login Number: L0706280 Run Date: 06/22/2007 Sample ID: WG243231-02
Instrument ID: HPMS10 Run Time: 10:25 Prep Method: 5030B
File ID: 10M56335 Analyst: MES Method: 8260B
Workgroup (AAB#): WG243231 Matrix: Oil Units: ug/kg
Contract #: Cal ID: HPMS10-17-MAY-07

Analytes	Expected	Found	% Rec	LCS Limits	Q
Hexachlorobutadiene	2000	1720	86.2	65 - 135	
Isopropylbenzene	2000	1810	90.3	68 - 129	
p-Isopropyltoluene	2000	1870	93.4	72 - 128	
4-Methyl-2-pentanone	2000	1580	79.0	47 - 146	
Methylene chloride	2000	1620	80.8	74 - 128	
Naphthalene	2000	1700	85.0	50 - 146	
n-Propylbenzene	2000	1850	92.6	72 - 136	
Styrene	2000	1770	88.3	74 - 130	
1,1,1,2-Tetrachloroethane	2000	2050	103	71 - 137	
1,1,2,2-Tetrachloroethane	2000	1770	88.6	62 - 132	
Tetrachloroethene	2000	1800	90.2	72 - 130	
Toluene	2000	1850	92.5	77 - 126	
1,2,3-Trichlorobenzene	2000	1610	80.4	52 - 142	
1,2,4-Trichlorobenzene	2000	1740	87.1	71 - 133	
1,1,1-Trichloroethane	2000	1810	90.3	68 - 133	
1,1,2-Trichloroethane	2000	1960	97.8	67 - 129	
Trichloroethene	2000	1750	87.6	72 - 126	
Trichlorofluoromethane	2000	1330	66.3	48 - 154	
1,2,3-Trichloropropane	2000	1790	89.7	64 - 134	
1,2,4-Trimethylbenzene	2000	2010	100	75 - 132	
1,3,5-Trimethylbenzene	2000	1950	97.3	74 - 133	
Vinyl acetate	2000	1500	74.9	25 - 316	
Vinyl chloride	2000	1570	78.5	25 - 130	
o-Xylene	2000	1900	95.0	70 - 130	
m-,p-Xylene	4000	3900	97.6	70 - 130	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	88.3	52.2 - 122	PASS
1,2-Dichloroethane-d4	88.1	42.7 - 128	PASS
Toluene-d8	86.5	35.2 - 127	PASS
4-Bromofluorobenzene	91.2	25.7 - 158	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 12/15/2006
Version 1.5 PDF File ID: 800706
Report generated 06/25/2007 14:57

KEMRON Environmental Services

SURROGATE STANDARDS

Login Number:L0706280
Instrument Id:HPMS10
Workgroup (AAB#):WG243140

Method:8260
CAL ID:HPMS10-17-MAY-07
Matrix:Leachate

Sample Number	Dilution	Tag	1	2	3	4
L0706280-02	10.0	DL01	110	102	97.9	95.9
WG243140-01	1.00	01	97.6	96.1	90.2	94.6
WG243140-02	1.00	01	100	99.8	93.7	96.7

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	80	-	120
2 - Dibromofluoromethane	86	-	118
3 - 4-Bromofluorobenzene	86	-	115
4 - Toluene-d8	88	-	110

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 801868
Report generated 06/26/2007 15:52

KEMRON Environmental Services

SURROGATE STANDARDS

Login Number: L0706280
Instrument Id: HPMS10
Workgroup (AAB#): WG243231

Method: 8260
CAL ID: HPMS10-17-MAY-07
Matrix: Oil

Sample Number	Dilution	Tag	1	2	3	4
L0706280-01	5000	DL01	DL	DL	DL	DL
WG243231-01	50.0	DL01	91.0	89.4	91.9	89.4
WG243231-02	50.0	DL01	88.1	88.3	91.2	86.5

Surrogates	Surrogate Limits		
1 - 1,2-Dichloroethane-d4	42.7	-	128
2 - Dibromofluoromethane	52.2	-	122
3 - 4-Bromofluorobenzene	25.7	-	158
4 - Toluene-d8	35.2	-	127

Underline = Result out of surrogate limits

DL = surrogate diluted out

ND = surrogate not detected

KEMRON FORMS - Modified 09/27/2006
Version 1.5 PDF File ID: 801919
Report generated 06/26/2007 16:29

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number:L0706280 Run Date:06/21/2007 Sample ID:WG243139-02

Instrument ID:HPMS10 Run Time:09:40 Method:8260B

File ID:10M56304 Analyst:MES

Workgroup (AAB#):WG243140 Cal ID:HPMS10-17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	49.5	ug/L	0.552	1.04	20	
1,1-Dichloroethene	CCC	50.0	50.0	ug/L	0.276	0.0666	20	
Vinyl Chloride	CCC	50.0	51.1	ug/L	0.196	2.26	20	
1,2-Dichloropropane	CCC	50.0	50.0	ug/L	0.262	0.0504	20	
Ethylbenzene	CCC	50.0	49.5	ug/L	0.510	0.901	20	
Toluene	CCC	50.0	48.2	ug/L	1.34	3.62	20	
Chlorobenzene	SPCC	50.0	47.5	ug/L	0.941	4.90	40	
1,1-Dichloroethane	SPCC	50.0	50.7	ug/L	0.542	1.47	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	44.7	ug/L	0.372	10.5	40	
Chloromethane	SPCC	50.0	47.2	ug/L	0.233	5.61	40	
Bromoform	SPCC	50.0	43.5	ug/L	0.187	13.0	40	
Benzene		50.0	47.8	ug/L	1.06	4.47	40	
Carbon Tetrachloride		50.0	48.8	ug/L	0.514	2.37	40	
1,2-Dichloroethane		50.0	48.5	ug/L	0.367	3.02	40	
2-Butanone		50.0	45.3	ug/L	0.0550	9.32	40	
Tetrachloroethene		50.0	50.2	ug/L	0.331	0.316	40	
Trichloroethene		50.0	50.1	ug/L	0.343	0.126	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 801866
Report generated 06/26/2007 15:52

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number: L0706280 Run Date: 06/22/2007 Sample ID: WG243230-02

Instrument ID: HPMS10 Run Time: 09:21 Method: 8260B

File ID: 10M56333 Analyst: MES

Workgroup (AAB#): WG243231 Cal ID: HPMS10 - 17-MAY-07

Analyte		Expected	Found	UNITS	RF	%D	UCL	Q
Chloroform	CCC	50.0	51.3	ug/L	0.572	2.54	20	
1,1-Dichloroethene	CCC	50.0	50.1	ug/L	0.277	0.292	20	
1,2-Dichloropropane	CCC	50.0	51.4	ug/L	0.270	2.78	20	
Ethylbenzene	CCC	50.0	52.9	ug/L	0.544	5.74	20	
Toluene	CCC	50.0	51.5	ug/L	1.43	2.90	20	
Vinyl Chloride	CCC	50.0	50.0	ug/L	0.192	0.0608	20	
Bromoform	SPCC	50.0	49.8	ug/L	0.213	0.452	40	
Chlorobenzene	SPCC	50.0	50.6	ug/L	1.00	1.12	40	
Chloromethane	SPCC	50.0	43.1	ug/L	0.213	13.7	40	
1,1-Dichloroethane	SPCC	50.0	51.0	ug/L	0.544	1.93	40	
1,1,2,2-Tetrachloroethane	SPCC	50.0	52.8	ug/L	0.439	5.69	40	
Acetone		50.0	50.9	ug/L	0.0435	1.76	40	
Benzene		50.0	48.1	ug/L	1.06	3.77	40	
Bromobenzene		50.0	53.7	ug/L	0.865	7.46	40	
Bromochloromethane		50.0	51.8	ug/L	0.151	3.54	40	
Bromodichloromethane		50.0	54.5	ug/L	0.405	9.10	40	
Bromomethane		50.0	50.1	ug/L	0.207	0.101	40	
2-Butanone		50.0	49.2	ug/L	0.0597	1.60	40	
n-Butylbenzene		50.0	53.6	ug/L	2.46	7.19	40	
sec-Butylbenzene		50.0	53.5	ug/L	3.39	7.08	40	
tert-Butylbenzene		50.0	53.8	ug/L	0.607	7.57	40	
Carbon Disulfide		50.0	43.8	ug/L	0.755	12.3	40	
Carbon Tetrachloride		50.0	51.2	ug/L	0.538	2.33	40	
Dibromochloromethane		50.0	50.3	ug/L	0.374	0.662	40	
Chloroethane		50.0	47.7	ug/L	0.182	4.69	40	
2-Chloroethyl Vinyl Ether		50.0	43.9	ug/L	0.117	12.1	40	
2-Chlorotoluene		50.0	51.9	ug/L	2.30	3.85	40	
4-Chlorotoluene		50.0	55.6	ug/L	2.37	11.3	40	
1,2-Dibromo-3-Chloropropane		50.0	46.2	ug/L	0.0861	7.52	40	
1,2-Dibromoethane		50.0	54.1	ug/L	0.262	8.23	40	
Dibromomethane		50.0	51.6	ug/L	0.146	3.30	40	
1,2-Dichlorobenzene		50.0	51.6	ug/L	1.41	3.21	40	
1,3-Dichlorobenzene		50.0	52.5	ug/L	1.62	4.93	40	
1,4-Dichlorobenzene		50.0	51.8	ug/L	1.65	3.56	40	
Dichlorodifluoromethane		50.0	46.4	ug/L	0.326	7.21	40	
1,2-Dichloroethane		50.0	52.6	ug/L	0.399	5.21	40	
cis-1,2-Dichloroethene		50.0	51.2	ug/L	0.320	2.50	40	
trans-1,2-Dichloroethene		50.0	51.7	ug/L	0.306	3.37	40	
1,3-Dichloropropane		50.0	52.6	ug/L	0.418	5.21	40	
2,2-Dichloropropane		50.0	55.8	ug/L	0.531	11.6	40	
cis-1,3-Dichloropropene		50.0	53.4	ug/L	0.434	6.83	40	
trans-1,3-Dichloropropene		50.0	57.7	ug/L	0.491	15.3	40	

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 801917
Report generated 06/26/2007 16:25

KEMRON Environmental Services

CONTINUING CALIBRATION VERIFICATION (CCV)

Login Number:L0706280 Run Date:06/22/2007 Sample ID:WG243230-02
Instrument ID:HPMS10 Run Time:09:21 Method:8260B
File ID:10M56333 Analyst:MES
Workgroup (AAB#):WG243231 Cal ID:HPMS10 - 17-MAY-07

Analyte	Expected	Found	UNITS	RF	%D	UCL	Q
1,1-Dichloropropene	50.0	54.2	ug/L	0.425	8.47	40	
2-Hexanone	50.0	54.5	ug/L	0.111	8.98	40	
Hexachlorobutadiene	50.0	49.3	ug/L	0.465	1.49	40	
Isopropylbenzene	50.0	54.5	ug/L	1.63	8.96	40	
p-Isopropyltoluene	50.0	55.6	ug/L	3.03	11.2	40	
4-Methyl-2-Pentanone	50.0	52.8	ug/L	0.0565	5.66	40	
Methylene Chloride	50.0	45.5	ug/L	0.271	8.95	40	
Naphthalene	50.0	49.6	ug/L	1.33	0.852	40	
n-Propylbenzene	50.0	54.1	ug/L	3.66	8.26	40	
Styrene	50.0	48.7	ug/L	1.07	2.56	40	
1,1,1,2-Tetrachloroethane	50.0	57.1	ug/L	0.419	14.3	40	
Tetrachloroethene	50.0	53.9	ug/L	0.355	7.70	40	
1,2,3-Trichlorobenzene	50.0	46.3	ug/L	0.704	7.37	40	
1,2,4-Trichlorobenzene	50.0	49.6	ug/L	0.953	0.862	40	
1,1,1-Trichloroethane	50.0	55.2	ug/L	0.559	10.5	40	
1,1,2-Trichloroethane	50.0	54.3	ug/L	0.237	8.54	40	
Trichloroethene	50.0	51.0	ug/L	0.350	2.08	40	
Trichlorofluoromethane	50.0	47.7	ug/L	0.577	4.57	40	
1,2,3-Trichloropropane	50.0	55.4	ug/L	0.171	10.8	40	
1,2,4-Trimethylbenzene	50.0	54.9	ug/L	2.90	9.79	40	
1,3,5-Trimethylbenzene	50.0	55.1	ug/L	2.79	10.2	40	
Vinyl Acetate	50.0	38.0	ug/L	0.297	24.0	40	
o-Xylene	50.0	52.8	ug/L	0.634	5.57	40	
m-,p-Xylene	100	105	ug/L	0.654	5.05	40	
Xylenes	150	158	ug/L	0.644	5.22	40	
1,2-Dichloroethene	100	103	ug/L	0.313	2.93	40	

* Exceeds %D Criteria

CCC Calibration Check Compounds
SPCC System Performance Check Compounds

KEMRON FORMS - Modified 12/11/2006 - (CCV)
Version 1.3 PDF File ID: 801917
Report generated 06/26/2007 16:25

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number:L0706280
Instrument ID:HPMS10
Workgroup (AAB#):WG243140

CCV Number:WG243139-02
CAL ID: HPMS10-17-MAY-07
Matrix:TCLP

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG243139-02	NA	NA	305388	581522	696065
Upper Limit	NA	NA	610776	1163044	1392130
Lower Limit	NA	NA	152694	290761	348033
L0706280-02	10.0	DL01	191691	383302	448538
WG243140-01	1.00	01	252806	488732	586520
WG243140-02	1.00	01	253950	484430	577611
WG243140-03	1.00	01	212343	409035	492890
WG243140-04	1.00	01	228341	430774	496296
WG243140-05	1.00	01	225507	431099	510439

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 801867
Report generated 06/26/2007 15:52

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD AREA SUMMARY
(COMPARED TO CCV)

Login Number:L0706280
Instrument ID:HPMS10
Workgroup (AAB#):WG243231

CCV Number:WG243230-02
CAL ID: HPMS10-17-MAY-07
Matrix:ORGANIC

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG243230-02	NA	NA	252234	495949	616120
Upper Limit	NA	NA	504468	991898	1232240
Lower Limit	NA	NA	126117	247975	308060
L0706280-01	5000	DL01	258367	483824	607656
WG243231-01	50.0	DL01	241308	462867	572825
WG243231-02	50.0	DL01	240380	459651	575828
WG243231-03	50.0	DL01	240074	461521	566828
WG243231-04	50.0	DL01	245469	468076	577284

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 801918
Report generated 06/26/2007 16:28

KEMRON ENVIRONMENTAL SERVICES
INTERNAL STANDARD RETENTION TIME SUMMARY
(COMPARED TO CCV)

Login Number:L0706280
Instrument ID:HPMS10
Workgroup (AAB#):WG243140

CCV Number:WG243139-02
CAL ID: HPMS10-17-MAY-07
Matrix:TCLP

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG243139-02	NA	NA	17.74	14.73	10.86
Upper Limit	NA	NA	18.24	15.23	11.36
Lower Limit	NA	NA	17.24	14.23	10.36
L0706280-02	10.0	DL01	17.75	14.73	10.86
WG243140-01	1.00	01	17.75	14.73	10.86
WG243140-02	1.00	01	17.74	14.73	10.85
WG243140-03	1.00	01	17.75	14.74	10.86
WG243140-04	1.00	01	17.74	14.73	10.85
WG243140-05	1.00	01	17.75	14.74	10.85

IS-1 - 1,4-Dichlorobenzene-d4
IS-2 - Chlorobenzene-d5
IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 801869
Report generated 06/26/2007 15:52

KEMRON ENVIRONMENTAL SERVICES

INTERNAL STANDARD RETENTION TIME SUMMARY

(COMPARED TO CCV)

Login Number:L0706280

Instrument ID:HPMS10

Workgroup (AAB#):WG243231

CCV Number:WG243230-02

CAL ID: HPMS10-17-MAY-07

Matrix:ORGANIC

Sample Number	Dilution	Tag	IS-1	IS-2	IS-3
WG243230-02	NA	NA	17.75	14.73	10.86
Upper Limit	NA	NA	18.25	15.23	11.36
Lower Limit	NA	NA	17.25	14.23	10.36
L0706280-01	5000	DL01	17.74	14.73	10.86
WG243231-01	50.0	DL01	17.75	14.74	10.86
WG243231-02	50.0	DL01	17.75	14.73	10.86
WG243231-03	50.0	DL01	17.75	14.74	10.86
WG243231-04	50.0	DL01	17.75	14.73	10.86

IS-1 - 1,4-Dichlorobenzene-d4

IS-2 - Chlorobenzene-d5

IS-3 - Fluorobenzene

Underline = Response outside limits

KEMRON FORMS - Modified 02/20/2007
Version 1.3 PDF File ID: 801920
Report generated 06/26/2007 16:29

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M55392	SYSTEM BLANK	NA	1	1		05/17/07 08:00
2	10M55393	WG240519-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 08:30
3	10M55394	SYSTEM BLANK	NA	1	1		05/17/07 08:53
4	10M55395	WG240519-02 0.3ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 09:35
5	10M55396	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:07
6	10M55397	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 10:39
7	10M55398	WG240519-02 0.3 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:11
8	10M55399	WG240519-03 0.4 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 11:42
9	10M55400	WG240519-04 1 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:14
10	10M55401	WG240519-05 2 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 12:45
11	10M55402	WG240519-06 5 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:17
12	10M55403	WG240519-07 20 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 13:48
13	10M55404	WG240519-08 50 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:20
14	10M55405	WG240519-09 100 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 14:51
15	10M55406	WG240519-10 200 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:24
16	10M55407	WG240519-11 300 ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 15:55
17	10M55408	SYSTEM BLANK	NA	1	1		05/17/07 16:27
18	10M55409	WG240519-12 20ug/L ALT SOURCE	NA	1	1	STD19455	05/17/07 16:59
19	10M55410	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:06
20	10M55411	WG240584-01 50NG BFB STD 8260	NA	1	1	STD19115	05/17/07 18:23
21	10M55412	WG240584-02 50ug/L WATER STD 8260	NA	1	1	STD19405	05/17/07 18:47
22	10M55413	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:19
23	10M55414	WG240585-01 VBLK0517 BLANK 8260	NA	1	1		05/17/07 19:51
24	10M55415	WG240585-02 20ug/L LCS 8260	NA	1	1	STD19455	05/17/07 20:24
25	10M55416	WG240585-03 20ug/L LCSDUP 8260	NA	1	1	STD19455	05/17/07 20:56
26	10M55417	L0705370-01 A 826-LOW	<2	1	1		05/17/07 21:28
27	10M55418	L0705213-03 A 826-SPE	<2	1	1		05/17/07 22:00
28	10M55419	L0705262-03 A 8260	<2	1	1		05/17/07 22:32
29	10M55420	L0705245-01 A 826-SPE	<2	1	1		05/17/07 23:04
30	10M55421	L0705245-02 A 826-SPE	<2	1	1		05/17/07 23:36
31	10M55422	L0705245-03 A 826-SPE	<2	1	1		05/18/07 00:08
32	10M55423	L0705245-04 A 826-SPE	<2	1	1		05/18/07 00:40
33	10M55424	L0705245-05 A 826-SPE	<2	1	1		05/18/07 01:11
34	10M55425	L0705245-06 A 826-SPE	<2	1	1		05/18/07 01:43

Approved: May 21, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 051707
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19217

Internal Standard: STD19516 Surrogate Standard: STD19475
CCV: STD19405 LCS: STD19455 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG240519/WG240585

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
35	10M55426	L0705245-08 A 826-SPE	<2	1	1		05/18/07 02:15
36	10M55427	L0705245-09 A 826-SPE	<2	1	1		05/18/07 02:47
37	10M55428	L0705245-10 A 826-SPE	<2	1	1		05/18/07 03:18
38	10M55429	L0705212-06 A 826-SPE	<2	1	1		05/18/07 03:50
39	10M55430	L0705212-07 A 826-SPE	<2	1	1		05/18/07 04:22
40	10M55431	L0705212-08 A 10X 826-SPE	NA	1	10		05/18/07 04:53
41	10M55432	L0705212-09 A 826-SPE	<2	1	1		05/18/07 05:25
42	10M55433	L0705213-01 A 826-SPE	<2	1	1		05/18/07 05:57
43	10M55434	L0705213-02 A 826-SPE	<2	1	1		05/18/07 06:29
44	10M55435	SYSTEM BLANK	NA	1	1		05/18/07 07:00

Comments

Seq.	Rerun	Dil.	Reason	Analytes
4				
File ID: 10M55395				
	RR-sparge tube leaking.			
5				
File ID: 10M55396				
	RR-sparge tube leaking.			
6				
File ID: 10M55397				
	RR-sparge tube leaking.			
19				
File ID: 10M55410				
	RR, BFB failed.			
40	X	100	Over Calibration Range	acetone
File ID: 10M55431				
	Sample contains permanganate.			
43	X	1	Missed Tune	
File ID: 10M55434				

Approved: May 21, 2007

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 062107
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19685

Internal Standard: STD20185 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: STD20099

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG243140

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M56301	WG243139-01 50NG BFB STD 8260	NA	1	1	STD19781	06/21/07 08:27
2	10M56302	WG243139-01 50NG BFB STD 8260	NA	1	1	STD19781	06/21/07 08:39
3	10M56303	WG243139-01 50NG BFB STD 8260	NA	1	1	STD19781	06/21/07 09:16
4	10M56304	WG243139-02 50ug/L WATER STD 8260	NA	1	1	STD20011	06/21/07 09:40
5	10M56305	WG243140-01 VBLK0621 BLANK 8260	NA	1	1		06/21/07 10:12
6	10M56306	WG243140-01 VBLK0621 BLANK 8260	NA	1	1		06/21/07 10:43
7	10M56307	WG243140-02 20ug/L LCS 8260	NA	1	1	STD20099	06/21/07 11:15
8	10M56308	L0706447-01 A 826-SPE	7	1	1		06/21/07 11:47
9	10M56309	L0706279-16 B 826-LOW	<2	1	1		06/21/07 12:18
10	10M56310	L0706279-15 B 826-LOW	<2	1	1		06/21/07 12:50
11	10M56311	L0706279-05 B 826-LOW	<2	1	1		06/21/07 13:21
12	10M56312	L0706279-14 B 826-LOW	<2	1	1		06/21/07 13:53
13	10M56313	L0706282-01 A 826-SPE	<2	1	1		06/21/07 14:25
14	10M56314	L0706447-09 A 826-SPE	7	1	1		06/21/07 14:57
15	10M56315	L0706447-11 MS A 826-SPE	7	1	1	STD20099	06/21/07 15:28
16	10M56316	L0706447-12 MSD A 826-SPE	7	1	1	STD20099	06/21/07 16:00
17	10M56317	L0706447-06 A 826-SPE	7	1	1		06/21/07 16:32
18	10M56318	L0706282-02 A 826-SPE	<2	1	1		06/21/07 17:04
19	10M56319	L0706287-01 A 826-SPE	<2	1	1		06/21/07 17:35
20	10M56320	L0706287-02 A 826-SPE	<2	1	1		06/21/07 18:07
21	10M56321	L0706447-08 A 826-SPE	7	1	1		06/21/07 18:39
22	10M56322	L0706447-03 A 10X 826-SPE	7	1	10		06/21/07 19:10
23	10M56323	L0706447-10 A 10X 826-SPE	7	1	10		06/21/07 19:42
24	10M56324	L0706280-02 A 10X 826-TC	NA	17	10		06/21/07 20:14
25	10M56325	L0706350-02 A 10000X 8260	NA	12	10000		06/21/07 20:46
26	10M56326	L0706350-04 A 10000X 8260	NA	12	10000		06/21/07 21:18
27	10M56327	SYSTEM BLANK	NA	1	1		06/21/07 21:49
28	10M56328	SYSTEM BLANK	NA	1	1		06/21/07 22:20
29	10M56329	SYSTEM CHECK	NA	1	1		06/21/07 22:51

Comments

Seq.	Rerun	Dil.	Reason	Analytes
1				

Approved: June 26, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 062107
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19685

Internal Standard: STD20185 Surrogate Standard: STD20017
CCV: STD20011 LCS: STD20099 MS/MSD: STD20099

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG243140

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M56301				
2			RR, BFB failed.	
File ID: 10M56302				
17	X	5	RR, BFB failed. Baked out for 30 minutes. Over Calibration Range	vinyl chloride
File ID: 10M56317				
21	X	5	Over Calibration Range	vinyl chloride
File ID: 10M56321				
25	X	1000000	Over Calibration Range	acetone, toluene, chlorobenzene, and o-xylene
File ID: 10M56325				
26	X	100	Missed Tune	
File ID: 10M56326				

Approved: June 26, 2007

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Run Log ID: 16817

KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 062207
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19696

Internal Standard: STD20185 Surrogate Standard: STD20017
CCV: STD20182 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA

Workgroups: WG243231

Comments:

Seq.	File ID	Sample Information	pH	Mat	Dil	Reference	Date/Time
1	10M56331	WG243230-01 50NG BFB STD 8260	NA	1	1	STD19781	06/22/07 08:30
2	10M56332	WG243230-02 50ug/L WATER STD 8260	NA	1	1	STD20182	06/22/07 08:48
3	10M56333	WG243230-02 50ug/L WATER STD 8260	NA	1	1	STD20182	06/22/07 09:21
4	10M56334	WG243231-01 EXT VBLK0622 BLANK 826	NA	7	50		06/22/07 09:53
5	10M56335	WG243231-02 20ug/L EXT LCS 8260	NA	7	50		06/22/07 10:25
6	10M56336	L0706269-04 M1 100X 826-SPE 4.67g/10m	NA	7	50		06/22/07 10:57
7	10M56337	WG243231-04 L0706269-04 DUP 100X 826	NA	7	50		06/22/07 11:29
8	10M56338	L0706280-01 50000X 8260 0.93g/10mL	NA	11	5000		06/22/07 12:01
9	10M56339	L0706269-03 M1 100X 826-SPE 4.70g/10m	NA	7	50		06/22/07 12:33
10	10M56340	L0706350-03 50000X 8260 0.94g/10mL	NA	11	5000		06/22/07 13:04
11	10M56341	L0706350-01 500000X 8260 0.94g/10mL	NA	11	50000		06/22/07 13:36
12	10M56342	L0706269-13 M1 100X 826-SPE 4.67g/10m	NA	7	50		06/22/07 14:07
13	10M56343	L0706269-06 M1 1000X 826-SPE 4.85g/10n	NA	7	500		06/22/07 14:39
14	10M56344	L0706269-07 M1 1000X 826-SPE 4.83g/10n	NA	7	500		06/22/07 15:10
15	10M56345	L0706269-08 M1 1000X 826-SPE 4.81g/10n	NA	7	500		06/22/07 15:41
16	10M56346	L0706269-10 1000X 826-SPE 4.63g/10mL	NA	7	500		06/22/07 16:12
17	10M56347	L0706269-14 M1 1000X 826-SPE 4.93g/10n	NA	7	500		06/22/07 16:43
18	10M56348	L0706269-10 M1 200X 826-SPE 4.63g/10m	NA	7	100		06/22/07 17:15
19	10M56349	L0706350-01 M1 5000000X 8260 0.94g/10n	NA	11	500000		06/22/07 17:48
20	10M56350	L0706350-03 500X 8260 0.94g/10mL	NA	11	50		06/22/07 18:20
21	10M56351	L0705639-21 100X 8260 4.95g/10mL	NA	7	50		06/22/07 18:53
22	10M56352	L0705639-22 100X 8260 4.77g/10mL	NA	7	50		06/22/07 19:25
23	10M56353	L0705639-23 M1 100X 8260 5.21g/10mL	NA	7	50		06/22/07 19:58
24	10M56354	L0705639-24 100X 8260 4.81g/10mL	NA	7	50		06/22/07 20:29
25	10M56355	L0705639-25 100X 8260 4.63g/10mL	NA	7	50		06/22/07 21:01
26	10M56356	L0705639-26 100X 8260 4.98g/10mL	NA	7	50		06/22/07 21:33
27	10M56357	STD CHECK/LATE ELUTORS	NA	1	1		06/22/07 22:05
28	10M56358	SYSTEM BLANK	NA	1	1		06/22/07 22:37
29	10M56359	SYSTEM BLANK	NA	1	1		06/22/07 23:10

Comments

Seq.	Rerun	Dil.	Reason	Analytes
2				

Approved: June 26, 2007

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KEMRON Environmental Services

Instrument Run Log

Instrument: HPMS10 Dataset: 062207
Analyst1: MES Analyst2: NA
Method: 8260B SOP: MSV01 Rev: 10
Method: 5030/5035 SOP: PAT01 Rev: 10

Maintenance Log ID: 19696

Internal Standard: STD20185 Surrogate Standard: STD20017
CCV: STD20182 LCS: STD20099 MS/MSD: NA

Column 1 ID: RTX502.2 Column 2 ID: NA
Workgroups: WG243231

Comments

Seq.	Rerun	Dil.	Reason	Analytes
File ID: 10M56332				
RR, IS/SS quite low-priming loops.				
10	X	500	Analyzed too dilute	
File ID: 10M56340				
Do not report.				
11	X	5000000	Over Calibration Range	acetone
File ID: 10M56341				
16	X	100	Analyzed too dilute	
File ID: 10M56346				
Do not report.				
21	X	1	Analyzed too dilute	
File ID: 10M56351				
Do not report.				
22	X	1	Analyzed too dilute	
File ID: 10M56352				
Do not report.				
23	X	5	Analyzed too dilute	
File ID: 10M56353				
24	X	1	Analyzed too dilute	
File ID: 10M56354				
Do not report.				
25	X	5	Missed Tune	
File ID: 10M56355				
26	X	1	Missed Tune	
File ID: 10M56356				

Approved: June 26, 2007

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KEMRON ENVIRONMENTAL SERVICES

VOA Preparation/Preservation and Extraction Log

Analyst: MZ Date Prepared/Preserved: 6/22/07 Method: 8260

Sample #	Fraction ID	Date Collected	Time Collected	Time Preserved	Tare Wt. (g)	Total Wt. (g)	Sample Wt. (g)	Water Vol. (mL)	Methanol Vol. (mL)	Comments	Team Notified
L0706249-03	A	6/11/07	NA	NA	NA	NA	4.70	NA	10		
-04							4.67				
-04 DUP							4.65				
-06							4.85				
-07							4.83				
-08							4.81				
-10							4.63				
-13							4.67				
-14							4.93				
L0706280-01		6/11/07					0.93				
L0706350-01		6/14/07					0.94				
-03							0.94				
L0706423-02		6/10/07					4.53	5	NA		
-03							5.06				
-04							4.70				
L0705639-21	A	5/24/07	NA	NA	NA	NA	4.95	NA	10		
-22							4.77				
-23							5.21				
-24							4.81				
-25							4.63				
-26							4.98				

Comments:
1 = improperly sealed cap
2 = preserved out of hold (past 48 hours from time of collection)
3 = effervesced
4 = preserved with NaHSO4 (sodium bisulfate)
5 = preserved by freezing

Methanol (Manufacturer, Lot #) B&J CS723

NaHSO4 (Manufacturer, Lot #) NA

Reviewed by:

TCLP Volatile

nalyst(s): RWC
Date: 6-20-07

Analyst/Date		Analyst/Date	
RWC 6-20-07		RWC 6-21-07	
Time On	Temp On °C	Time Off	Temp Off °C
1400	24	0630	22

ZHE	Sample #	Tests	PSI ON	PSI OFF	Method	Fluid #	Matrix*	%Solid	Size Reduction Yes	Size Reduction No	Int. Wt. (g)	Fluid Vol. (mL)
A	06-427-01	VOA	10	10	1311	F-642	S	100		✓	25.01	500
B	02						S			✓	25.01	
C	06-433-01						S			✓	25.04	
D												
E												
F												
G												
H												
I												
J												
K												
L												
M												
N												
O												
P												
Q												
R												
S												
N/A	FBLK	VOA	N/A	N/A	1311	Filtered	N/A	<.5		✓	40	40
	06-250-02						W			✓	100	100
	06-182-01						W			✓	100	100

RWC 6-20-07

*Matrix Code = (S-solid)(SS-sand, soil or sludge)(P-paint)(O-organic or waste)(W-water)

Comments: _____

Peer Review By: _____ Supervisor Review: _____

Inorganic QA/QC

COC No. A 44182

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Ohio EPA Southeast - Hazardous Waste

Project Contact: Scott Bergreen

Contact Phone #: 740 385-8501

Turn Around Requirements: standard

Location:

Project #:

Project Name: Franklin Street

Sampler (print): John Rochotte

Signature: J Rochotte

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	TCLP VOC	Flash	ADDITIONAL REQUIREMENTS
FS-1		X	6-11-07	10:50AM		X	1		X	X	Sample is in two phases, ~~take~~ please run tests on top (dark colored) phase
FS-2		X	6-11-07	11:00AM		X	1		X	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
John Rochotte	6/12/07	10:30	[illegible]				

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
[illegible]	6-12-07	1835	[illegible]	6-12-07	1835	2	

*Homogenize all composite samples prior to analysis

6/13/07 0645

Page _____ of _____

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KEMRON Environmental Services

SAMPLE RECEIPT FORM

156 Starlite Drive
Marietta, OH 45750
(740) 373-4071

Client: OEPA LOGAN	
Workorder Number: B	
Date Received: 6-12-07	
Delivered by: ( ) Fedx ( ) UPS ( ) Client (✓) Courier	**Time:** 1835
Opened by: JWS	
IR Temp Gun: ( ) D (✓) G	
Logged by: BLG	L 6-280

Cooler information

Cooler ID	Temp C	Airbill#	COC#	Other
0569	2		44182	

Inspection Checklist	**Y**	**N**	**NA**	**Discrepancy ID**
Were shipping coolers sealed?		✓		
Were custody seals intact?		✓		
Were cooler temperatures in range of 0 - 6?	✓			
Was ice present?	✓			
Were COC's received/information complete/signed/dated?	✓			
Were sample containers and labels intact?	✓			
Were correct containers used?	✓			
Were correct preservatives used (water only)?			✓	
Were pH ranges acceptable?			✓	
Were VOA samples free of headspace?			✓	
Were samples received within EPA hold times?	✓			

Discrepancy/Comments/Other Problems

"Oil"

Samples stored in cooler Then put in cold walk in

Distribution

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

Resolution/other comments:

KEMRON Environmental Servi

Internal Chain of Custody Report

Login: L0706280
Account: 2755
Project: 2755.042
Samples: 2
Due Date: 26-JUN-2007

Samplenum	Container ID	Products
L0706280-01	347423	FLASH

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	W1	14-JUN-2007 14:51	BRG	
2	ANALYZ	W1	WET	21-JUN-2007 07:46	DIH	ERE
3	STORE	WET	A2	22-JUN-2007 07:49	ERE	DIH

Samplenum	Container ID	Products
L0706280-01	347424	8260

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	ORG4	14-JUN-2007 14:51	BRG	
2	STORE	ORG4	A2	26-JUN-2007 08:11	JKT	MRT

Samplenum	Container ID	Products
L0706280-01	346782	

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	w1/	13-JUN-2007 09:06	BRG	

Samplenum	Container ID	Products
L0706280-02	347425	TC-ZHE

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	L1	14-JUN-2007 14:51	BRG	
2	PREP	L1	TCL	14-JUN-2007 15:08	RWC	ERE
3	STORE	TCL	W1	20-JUN-2007 08:29	ERE	RWC
4	ANALYZ	W1	WET	21-JUN-2007 07:46	DIH	ERE
5	STORE	WET	A2	22-JUN-2007 07:49	ERE	DIH

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Walkin Cooler in Login

KEMRON Environmental Servic

Internal Chain of Custody Report

Login: L0706280
Account: 2755
Project: 2755.042
Samples: 2
Due Date: 26-JUN-2007

Samplenum	Container ID	Products
L0706280-02	348234	826-TC

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			20-JUN-2007 07:35	RWC	

Bottle: 2

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN			20-JUN-2007 07:35	RWC	

Samplenum	Container ID	Products
L0706280-02	346783	

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	w1/	13-JUN-2007 09:06	BRG	

Samplenum	Container ID	Products
L0706280-02	347426	FLASH

Bottle: 1

Seq.	Purpose	From	To	Date/Time	Accept	Relinquish
1	LOGIN	COOLER	w1/	14-JUN-2007 14:51	BRG	

A1 - Sample Archive (COLD)
A2 - Sample Archive (AMBIENT)
F1 - Volatiles Freezer in Login
V1 - Volatiles Refrigerator in Login
W1 - Watkin Cooler in Login

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Tom Horveth
Steel Valley Rod + Custom
118 Ashland Ave.
Canonsburg, PA 15317-1727

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name): Tom Horveth
C. Date of Delivery: 8-20-07

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label): 7006 3450 0001 9054 7250

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$ 1.65
Certified Fee	2.65
Return Receipt Fee (Endorsement Required)	2.15
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.45

Postmark Here: LOGAN, OH 43138 AUG 16 USPS

7006 3450 0001 9054 7250

Sent To: Tom Horveth, Steel Valley Rod + Custom
Street, Apt. No. or PO Box No.: 118 Ashland Ave.
City, State, ZIP+4: Canonsburg, PA 15317-1727

PS Form 3800, August 2006 See Reverse for Instructions