APPENDIX C

DATA REVIEW REPORTS INCLUDING ANALYTICAL DATA

TETRA TECH NUS

PHIL-21959

TO: DON WHALEN **DATE:** MARCH 5, 2008

FROM: MEGAN N. RITCHIE **COPIES:** FILE

SUBJECT: INORGANIC DATA VALIDATION – METALS
NMCRC READING INDOOR RIFLE RANGE, READING, PENNSYLVANIA
SDG NO. TCK-002

SAMPLES: 11/Wipes/

IRR-WP01	IRR-WP04	IRR-WP07	IRR-WP10
IRR-WP02	IRR-WP05	IRR-WP08	IRR-FB01
IRR-WP03	IRR-WP06	IRR-WP09	

OVERVIEW

The sample set for the NMCRC Reading Indoor Rifle Range in Reading, Pennsylvania SDG TCK-002 consists of 10 wipe samples (designated IRR-WP-) and one field QC blank (designated IRR-FB01). No matrix spike sample was designated for this sample set. No field duplicate pairs were included in this sample set. All samples were analyzed for lead.

The samples were collected by Tetra Tech NUS on January 23 and 25, 2008 and analyzed by Analytical Laboratory Services, Inc. of Middletown, Pennsylvania.

EPA SW-846 Methods were conducted using 6010C for lead.

SUMMARY

All samples were successfully analyzed. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, calibration data, laboratory blank results, ICP interference check samples, laboratory control spike (LCS) results, and LCS duplicate results, ICP serial dilution results, detection limits, and analyte quantitation.

Areas of concern with respect to data quality are listed below as follows:

MINOR PROBLEMS

- Positive results at concentrations less than the reporting limit (RL) were qualified as estimated (J).

EXECUTIVE SUMMARY

Laboratory Performance: None.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the Tetra Tech NUS Standard Operating Procedure DV-04 (8/01) "Data Validation for Non-CLP Inorganics for Solid and Aqueous Matrices" and EPA "Functional Guidelines for Inorganic Data Review", as amended for use within EPA Region 3 (4/93).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPP)."

Megan N. Ritchie

Megan N. Ritchie
Chemist

Tetra Tech NUS, Inc.
Russ Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 01073

SDG: TCK-002 MEDIA: WIPE DATA FRACTION: M

nsample	IRR-FB01
samp_date	1/25/2008
lab_id	9720647011
qc_type	NM
units	UG/WI
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	13.9	U	

nsample	IRR-WP01
samp_date	1/23/2008
lab_id	9720647001
qc_type	NM
units	UG/WI
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	41.9		

nsample	IRR-WP02
samp_date	1/23/2008
lab_id	9720647002
qc_type	NM
units	UG/WI
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	32.2		

PROJ_NO: 01073

SDG: TCK-002 MEDIA: WIPE DATA FRACTION: M

nsample	IRR-WP03	nsample	IRR-WP04	nsample	IRR-WP05
samp_date	1/23/2008	samp_date	1/23/2008	samp_date	1/25/2008
lab_id	9720647003	lab_id	9720647004	lab_id	9720647005
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/WI	units	UG/WI	units	UG/WI
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	69.9		

Parameter	Result	Val Qual	Qual Code
LEAD	28.9		

Parameter	Result	Val Qual	Qual Code
LEAD	187		

PROJ_NO: 01073

SDG: TCK-002 MEDIA: WIPE DATA FRACTION: M

nsample	IRR-WP06	nsample	IRR-WP07	nsample	IRR-WP08
samp_date	1/25/2008	samp_date	1/25/2008	samp_date	1/25/2008
lab_id	9720647006	lab_id	9720647007	lab_id	9720647008
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/WI	units	UG/WI	units	UG/WI
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	68.7		

Parameter	Result	Val Qual	Qual Code
LEAD	8.2	J	P

Parameter	Result	Val Qual	Qual Code
LEAD	67.5		

PROJ_NO: 01073

SDG: TCK-002 MEDIA: WIPE DATA FRACTION: M

nsample	IRR-WP09	nsample	IRR-WP10
samp_date	1/25/2008	samp_date	1/25/2008
lab_id	9720647009	lab_id	9720647010
qc_type	NM	qc_type	NM
units	UG/WI	units	UG/WI
Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	157		

Parameter	Result	Val Qual	Qual Code
LEAD	3.7	J	P

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)

Data Qualifier Key:

J - Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).

APPENDIX B

Results as Reported by the Laboratory

ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com

NELAP Accredited
PA 22-293 NJ PA010

ACCREDITED IN ACCORDANCE WITH nelac

34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647011** Date Collected: 1/25/2008 13:56 Matrix: Wipe

Sample ID: **IRR-FB01** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	ND	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 13:09	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0026

ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647001** Date Collected: 1/23/2008 14:53 Matrix: Wipe

Sample ID: **IRR-WP01** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	41.9	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 11:56	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0016

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PA 22-293 NJ PA010

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647002** Date Collected: 1/23/2008 15:05 Matrix: Wipe

Sample ID: **IRR-WP02** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	32.2	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:02	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0017

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID:	**9720647003**	Date Collected:	1/23/2008 15:15	Matrix:	Wipe
Sample ID:	**IRR-WP03**	Date Received:	1/25/2008 16:00		

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	69.9	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:07	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID:	**9720647004**	Date Collected:	1/23/2008 15:45	Matrix:	Wipe
Sample ID:	**IRR-WP04**	Date Received:	1/25/2008 16:00		

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	28.9	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:13	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0019

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647005** Date Collected: 1/25/2008 12:30 Matrix: Wipe
Sample ID: **IRR-WP05** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	187	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:19	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID:	**9720647006**	Date Collected:	1/25/2008 12:45	Matrix:	Wipe
Sample ID:	**IRR-WP06**	Date Received:	1/25/2008 16:00		

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	68.7	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:30	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0021

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID:	**9720647007**	Date Collected:	1/25/2008 13:02	Matrix:	Wipe
Sample ID:	**IRR-WP07**	Date Received:	1/25/2008 16:00		

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	8.2J	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:47	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0022

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647008** Date Collected: 1/25/2008 13:18 Matrix: Wipe

Sample ID: **IRR-WP08** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	67.5	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:52	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0023

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID:	**9720647009**	Date Collected:	1/25/2008 13:25	Matrix:	Wipe
Sample ID:	**IRR-WP09**	Date Received:	1/25/2008 16:00		

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	157	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 12:58	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9720647 TCK002|Lead Wipe

Lab ID: **9720647010** Date Collected: 1/25/2008 13:45 Matrix: Wipe

Sample ID: **IRR-WP10** Date Received: 1/25/2008 16:00

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Lead, Total	3.7J	ug/ft2		13.9	3	SW846 6010B	2/5/08	SRT	2/8/08 13:03	TED	A1

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0025

APPENDIX C

Support Documentation

Tetra Tech NUS, Inc.
NMCRC READING CHEMICAL ANALYSES
TTNUS Project Manager - Mr. Don Whalen

Analytical Laboratory Services Inc.
Analytical Narrative
TCK-001

Sample Management

This report contains the results of the analysis of eleven (11) wipe samples collected on January 23 and 25, 2008. Analytical results and quality control information are summarized in this data package.

Sample Receipt

Samples arrived at ALSI via courier on January 25, 2008. Upon receipt, the samples were inspected and compared to the enclosed chain of custody. Each sample was assigned a unique identification number (see Certificates of Analysis). The sample information was entered into the computer system and the samples were released for analysis.

Lead by SW-846 Method 6010C

Sample handling. Eleven (11) wipe samples were digested by ASTM method 1644-98 and the digestates were analyzed for total lead on the TJA TRACE ICP using SW-846 method 6010C. All samples were digested and analyzed within the six-month holding time established for the method.

Calibration. The day that the sample was analyzed, an initial four-point calibration was properly established and verified through the analysis of a second source calibration verification standard (ICV), an initial calibration blank (ICB), an initial performance check (IPC/CCV), interference check standards (ICSA) and (ICSAB), and a reporting limits standard (CRDL). Calibration checks were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within the method control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Lead was not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 437478-MB was digested and analyzed with the samples in this deliverable group. Lead was not detected in the method blank.

Laboratory Control Sample and Laboratory Control Sample Duplicate. A laboratory control sample (LCS) and laboratory control sample duplicate (LCSD), identified as sample 437479-LCS and 437480-LCSD, were digested and analyzed with the samples in this deliverable group. The LCS and LCSD recoveries and their RPD were within method control limits.

Calculations. An initial wipe area of 10cm x 10cm was provided by the client.

$$\text{Total Lead (ug/ft2)} = \frac{\text{(Lead mg)}}{\text{(L)}} \; \frac{\text{(0.100 L)}}{\text{(wipe)}} \; \frac{\text{(1 wipe)}}{\text{(100 cm2)}} \; \frac{\text{(929.03 cm2)}}{\text{(1 ft2)}} \; \frac{\text{(1000 ug)}}{\text{(1 mg)}}$$

Analytical Laboratory Services, Inc.
Environmental • Industrial Hygiene • Field Services
34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax 717.944.1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 3
Courier:
Tracking #:
9720647

Co. Name: Tetra Tech NUS
Contact (Report to): David Winkler Phone: 610 191 5621
Address: 201 Mall Blvd, Ste. 260
King of Prussia PA 19406

Bill to (if different than Report to): PO#:

Project Name/#: NMCRC Painting ALSI Quote #:
TAT: Normal-Standard TAT is 10-12 business days. Rush-Subject to ALSI approval and surcharges. Date Required: Approved By:
Email? Y
Fax? Y No.:

ANALYSES/METHOD REQUESTED: Lead wipes

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	Lead wipes	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Voids/Bubbles?	Circle appropriate Y or N.
1 IRR-WP01	A 10x10 cm area	1/25/08	1453	C		1					
2 IRR-WPC2	Wipe wipes for all		1315			1					
3 IRR-WPC3	samples for bm		1515			1					
4 IRR-WPC4	taken w/asbestos		1545			1					
5 IRR-WPC5	1377.	1/25/08	1270			1					
6 IRR-WPC6			1245			1					
7 IRR-WPC7			1302			1					
8 IRR-WPC8			1318			1					

Enter Number of Containers Per Analysis

Receipt Information (completed by ALSI Personnel): Received by: Date/Time: 1/25/08
Cooler Temp: 2
Therm. ID: 51003513
No. of Cooler:
Notes:

Custody seals Present? Y; (If present) Seals Intact? Y; Received on Ice? Y; COC/Labels complete/accurate? Y; Container in good condition? Y

SAMPLED BY (Please Print):
LOGGED BY (signature): Date: 1-25-08 Time: 1630
REVIEWED BY (signature): Date: 01/28/08 Time: 1372

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Samuel Mann / TINUS	1/25/08	1425	2 Chad Dabler ASI	1/25/08	1425
3 Chad Dabler	1/25/08	1600	4	1-25-08	1600
5			6		
7			8		
9			10		

Data Deliverables: Standard; CLP-like; NJ-Reduced; NJ-Full; If yes, format type:
EDDs Required? DOD Criteria Required?
SDWA Forms Req: yes / yes / yes / yes
State Samples Collected In? MD / NJ / NY / PA
Other

ALSI FIELD SERVICES: Pickup; Labor; Composite Sampling; Rental Equipment; Other:

*G=Grab; C=Composite
**Matrix: Al=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.
Rev 6/07

6000

ANALYTICAL LABORATORY SERVICES, INC.
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430
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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 2 of 2
Courier:
Tracking #:
COC# 9720647

Co. Name: Tetra Tech NUS
Contact (Report to): Donald Whalen Phone:
Address: 234 Mall Blvd. Ste 260
King of Prussia PA 19406

Bill to (if different than Report to): PO#:

Project Name/#: NMCRC Reading ALSI Quote #:

TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALSI approval and surcharges. Date Required: Approved By:

Email? [ ] -Y
Fax? [ ] -Y No.:

*Container Type:
**Container Size:
Preservative:

ANALYSES/METHOD REQUESTED: 4 pack wipes

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	Enter Number of Containers Per Analysis											
1 IRR-WP09		1/25/08	1325	C		1											
2 IRR-WP10			1343			1											
3 IRR-FB01			1356			1											
4																	
5																	
6																	
7																	
8																	

Receipt Information (completed by lab/courier)
Received by:
Cooler Temp: 2
Therm. ID: 9/1/2008
No. of Coolers:
Notes:

	Circle appropriate Y or N	Container in good condition?	COC/Labels complete/accurate?	Received on Ice?	(If present) Seals Intact?	Custody seals Present?
Correct containers?	N	Y	Y	Y	Y	Y
Correct sample volume?	N	Y	Y	Y	Y	Y
Correct preservation?	N	Y	Y	Y	Y	Y
Headspace/Volatiles?	Y	N	N	N	N	N

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (Signature): 1/25/08 1830
REVIEWED BY (Signature): 01/28/08 1320

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Donald Whalen	1/25/08	1425	2 [illegible] ALSI	1/25/08	1425
3 Chad Dester	1/25/08	1600	4 [illegible]	1/25/08	1600
5			6		
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] other
EDDs Required? [ ] Yes, format type:
DOD Criteria Required?

Sites Formal?: yes / yes / yes / yes
Sites Samples Collected in?: MD / NJ / NY / PA
Other

ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite
**Matrix: A=Air; DW=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
Rev 8/07

ANALYTICAL LABORATORY SERVICES, INC.
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www.analyticallab.com
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ACCREDITED IN ACCORDANCE WITH nelac

0100

TETRA TECH NUS

PHIL-21960

TO: DON WHALEN **DATE:** MARCH 6, 2008

FROM: MEGAN N. RITCHIE **COPIES:** FILE

SUBJECT: INORGANIC DATA VALIDATION – METALS
NMCRC READING MOTOR T GARAGE, READING, PENNSYLVANIA
SDG NO. TCK-001

SAMPLES: 10/Solid/

MTG-SB01-0304	MTG-SB03-0506	MTG-SB04-2223	MTG-FD-01
MTG-SB02-0607	MTG-SB03-1011	MTG-SB05-1011	
MTG-SB02-0304	MTG-SB04-1112	MTG-SB05-2223	

1/Aqueous/

RB-012408

OVERVIEW

The sample set for the NMCRC Reading Motor T Garage in Reading, Pennsylvania, SDG TCK-001 consists of 10 solid environmental samples (designated MTG-SB- and MTG-FD-) and one field QC rinsate blank (designated RB-). One matrix spike sample (MTG-SB05-1011) was designated for this sample set. One field duplicate pair (MTG-SB03-0506 and MTG-FD-01) was included in this sample set. All samples were analyzed for target analyte list (TAL) metals including mercury.

The samples were collected by Tetra Tech NUS on January 24, 2008 and analyzed by Analytical Laboratory Services, Inc. (ALSI) of Middletown, Pennsylvania.

EPA SW-846 Methods were conducted using 6020 for most metals, 6010B for calcium, iron, magnesium, potassium, and sodium, and 7470A/7471B for mercury.

SUMMARY

All analytes were successfully analyzed in all samples. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, calibration data, laboratory blank results, ICP interference check samples, matrix spike (MS) and matrix spike duplicate (MSD) results, laboratory control spike (LCS) results, field duplicate results, ICP serial dilution results, detection limits, and analyte quantitation.

Areas of concern with respect to data quality are listed below as follows:

MINOR PROBLEMS

- The following table summarizes the analytes detected as contaminants in the field rinsate blank at the maximum concentration indicated:

Analyte	Maximum Concentration	Action Level
Antimony	0.9 µg/L	0.45 mg/kg
Barium	0.1 µg/L	0.05 mg/kg
Calcium	40 µg/L	20 mg/kg
Copper	42 µg/L	21 mg/kg
Lead	0.3 µg/L	0.15 mg/kg
Manganese	0.2 µg/L	0.1 mg/kg
Silver	0.4 µg/L	0.2 mg/kg
Sodium	50 µg/L	25 mg/kg
Thallium	0.04 µg/L	0.02 mg/kg

Samples affected: The action levels apply to all solid environmental samples.

Dilution factors, percent solids, and sample preparation weights were taken into account during application of action levels. Results reported at concentrations within the action level are qualified (B) and are considered to be false positives (artifacts of blank contamination). No action was taken for barium, calcium, lead, manganese, and thallium because the results exceeded the action level or there were no positive results for these analytes.

- The MS and/or MSD recoveries for chromium, copper, vanadium, and zinc were below the lower QC limit of 75%. All positive and non-detected results for these analytes were qualified as biased low (L/UL), except where superseded by the qualifier (B) for blank contamination.
- The field duplicate Relative Percent Difference (RPD) for copper and magnesium exceeded the QC criteria of 50% for field duplicates MTG-SB03-0506 and MTG-FD-01. The positive results for copper and magnesium were qualified as estimated (J) except where superseded by the qualifier (B) for blank contamination.
- Positive results at concentrations less than the reporting limits (RLs) were qualified as estimated (J).

NOTES

No analytes were detected in the laboratory blanks.

The results were reported in milligrams per liter (mg/L) rather than micrograms per liter (µg/L) on the certificates of analysis.

EXECUTIVE SUMMARY

Laboratory Performance: None.

Other Factors Affecting Data Quality: Several analytes were detected in the field rinsate blank. Four MS/MSD recoveries were outside QC criteria. Two field duplicate RPDs exceeded precision criteria.

The data for these analyses were reviewed with reference to the Tetra Tech NUS Standard Operating Procedure DV-04 (8/01) "Data Validation for Non-CLP Inorganics for Solid and Aqueous Matrices" and EPA "Functional Guidelines for Inorganic Data Review", as amended for use within EPA Region 3 (4/93).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPP)."

Megan N. Ritchie

Megan N. Ritchie
Chemist

Russ Sloboda

Tetra Tech NUS, Inc.
Russ Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: M

nsample	MTG-FD-01	nsample	MTG-SB01-0304	nsample	MTG-SB02-0304
samp_date	1/24/2008	samp_date	1/24/2008	samp_date	1/24/2008
lab_id	9720605010	lab_id	9720605001	lab_id	9720605003
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	81.0	Pct_Solids	76.4	Pct_Solids	80.6
DUP_OF:	MTG-SB03-0506	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	12200		
ANTIMONY	0.1	B	B
ARSENIC	2		
BARIUM	46.8		
BERYLLIUM	0.5	J	P
CADMIUM	0.2	U	
CALCIUM	388		
CHROMIUM	10.8	L	D
COBALT	10.3		
COPPER	14.7	B	B
IRON	23100		
LEAD	6.5		
MAGNESIUM	4740	J	G
MANGANESE	404		
MERCURY	0.22	U	
NICKEL	19.8		
POTASSIUM	2080		
SELENIUM	0.5	U	
SILVER	0.1	B	B
SODIUM	16	B	B
THALLIUM	0.2	J	P
VANADIUM	15.6	L	D
ZINC	18.9	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	29700		
ANTIMONY	0.3	B	B
ARSENIC	6.4		
BARIUM	126		
BERYLLIUM	1		
CADMIUM	0.3	U	
CALCIUM	3310		
CHROMIUM	16	L	D
COBALT	10		
COPPER	26.5	B	B
IRON	38500		
LEAD	22.7		
MAGNESIUM	35200		
MANGANESE	582		
MERCURY	0.04	J	
NICKEL	30.6		
POTASSIUM	8820		
SELENIUM	0.5	U	
SILVER	0.3	B	B
SODIUM	30	B	B
THALLIUM	0.3		
VANADIUM	26.1	L	D
ZINC	45.9	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	14000		
ANTIMONY	0.2	B	B
ARSENIC	2.3		
BARIUM	48.9		
BERYLLIUM	1.1		
CADMIUM	0.2	U	
CALCIUM	652		
CHROMIUM	12.7	L	D
COBALT	14.8		
COPPER	40.1	B	B
IRON	25100		
LEAD	15.1		
MAGNESIUM	16500		
MANGANESE	600		
MERCURY	0.24	U	
NICKEL	26.8		
POTASSIUM	7580		
SELENIUM	0.5	U	
SILVER	0.1	B	B
SODIUM	22	B	B
THALLIUM	0.3		
VANADIUM	22.9	L	D
ZINC	25.7	L	D

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: M

nsample	MTG-SB02-0607	nsample	MTG-SB03-0506	nsample	MTG-SB03-1011
samp_date	1/24/2008	samp_date	1/24/2008	samp_date	1/24/2008
lab_id	9720605002	lab_id	9720605004	lab_id	9720605005
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	82.6	Pct_Solids	82.8	Pct_Solids	81.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	10300		
ANTIMONY	0.3	B	B
ARSENIC	2.5		
BARIUM	49.6		
BERYLLIUM	0.7		
CADMIUM	0.2	U	
CALCIUM	2250		
CHROMIUM	10.8	L	D
COBALT	5.9		
COPPER	16.9	B	B
IRON	31800		
LEAD	16.3		
MAGNESIUM	15100		
MANGANESE	766		
MERCURY	0.2	U	
NICKEL	16.3		
POTASSIUM	4610		
SELENIUM	0.2	J	P
SILVER	0.1	B	B
SODIUM	24	B	B
THALLIUM	0.2	J	P
VANADIUM	22.2	L	D
ZINC	25.9	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	9710		
ANTIMONY	0.2	B	B
ARSENIC	1.2		
BARIUM	30.6		
BERYLLIUM	0.5	J	P
CADMIUM	0.2	U	
CALCIUM	493		
CHROMIUM	8	L	D
COBALT	9.7		
COPPER	25.5	B	B
IRON	22700		
LEAD	6.3		
MAGNESIUM	11200	J	G
MANGANESE	320		
MERCURY	0.22	U	
NICKEL	18.2		
POTASSIUM	3160		
SELENIUM	0.4	U	
SILVER	0.1	B	B
SODIUM	15	B	B
THALLIUM	0.2	J	P
VANADIUM	14.1	L	D
ZINC	21.5	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	47500		
ANTIMONY	0.1	B	B
ARSENIC	0.4	J	P
BARIUM	28.9		
BERYLLIUM	0.7		
CADMIUM	0.2	U	
CALCIUM	2440		
CHROMIUM	22.4	L	D
COBALT	6.9		
COPPER	8.9	B	B
IRON	39500		
LEAD	2.4		
MAGNESIUM	76300		
MANGANESE	384		
MERCURY	0.22	U	
NICKEL	25.1		
POTASSIUM	9330		
SELENIUM	0.5	U	
SILVER	0.1	B	B
SODIUM	129		
THALLIUM	0.3		
VANADIUM	30	L	D
ZINC	50.8	L	D

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: M

nsample	MTG-SB04-1112	nsample	MTG-SB04-2223	nsample	MTG-SB05-1011
samp_date	1/24/2008	samp_date	1/24/2008	samp_date	1/24/2008
lab_id	9720605006	lab_id	9720605007	lab_id	9720605008
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	82.9	Pct_Solids	81.1	Pct_Solids	86.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	25200		
ANTIMONY	0.1	B	B
ARSENIC	0.7		
BARIUM	29.1		
BERYLLIUM	1.1		
CADMIUM	0.2	U	
CALCIUM	332		
CHROMIUM	12	L	D
COBALT	7.9		
COPPER	20.9	B	B
IRON	28300		
LEAD	4.4		
MAGNESIUM	19400		
MANGANESE	512		
MERCURY	0.21	U	
NICKEL	17.4		
POTASSIUM	5690		
SELENIUM	0.5	U	
SILVER	0.1	B	B
SODIUM	10	B	B
THALLIUM	0.3		
VANADIUM	23.2	L	D
ZINC	22.1	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	31000		
ANTIMONY	0.1	B	B
ARSENIC	1.8		
BARIUM	25.7		
BERYLLIUM	0.8		
CADMIUM	0.2	U	
CALCIUM	455		
CHROMIUM	9.7	L	D
COBALT	7.4		
COPPER	6.9	B	B
IRON	28300		
LEAD	8.4		
MAGNESIUM	25200		
MANGANESE	960		
MERCURY	0.2	U	
NICKEL	16.5		
POTASSIUM	9080		
SELENIUM	0.2	J	P
SILVER	0.09	B	B
SODIUM	40	J	P
THALLIUM	0.2	J	P
VANADIUM	24.7	L	D
ZINC	20.1	L	D

Parameter	Result	Val Qual	Qual Code
ALUMINUM	12400		
ANTIMONY	0.1	B	B
ARSENIC	1.4		
BARIUM	27.5		
BERYLLIUM	1.4		
CADMIUM	0.2	U	
CALCIUM	160		
CHROMIUM	12.5	L	D
COBALT	8		
COPPER	20.3	B	B
IRON	26700		
LEAD	10.8		
MAGNESIUM	20800		
MANGANESE	376		
MERCURY	0.22	U	
NICKEL	15.5		
POTASSIUM	8880		
SELENIUM	0.5	U	
SILVER	0.2	B	B
SODIUM	19	B	B
THALLIUM	0.4		
VANADIUM	19.5	L	D
ZINC	22.5	L	D

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: M

nsample	MTG-SB05-2223
samp_date	1/24/2008
lab_id	9720605009
qc_type	NM
units	MG/KG
Pct_Solids	81.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	5670		
ANTIMONY	0.1	B	B
ARSENIC	3		
BARIUM	20.6		
BERYLLIUM	1.9		
CADMIUM	0.2	U	
CALCIUM	102		
CHROMIUM	3.7	L	D
COBALT	10.6		
COPPER	21.9	B	B
IRON	21600		
LEAD	44.3		
MAGNESIUM	2970		
MANGANESE	539		
MERCURY	0.02	J	P
NICKEL	21.6		
POTASSIUM	2080		
SELENIUM	0.2	J	P
SILVER	0.1	B	B
SODIUM	60	U	
THALLIUM	0.3		
VANADIUM	9	L	D
ZINC	24.3	L	D

PROJ_NO: 01073

SDG: TCK-001 MEDIA: WATER DATA FRACTION: M

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	MG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	0.08	U	
ANTIMONY	0.0009	J	P
ARSENIC	0.006	U	
BARIUM	0.0001	J	P
BERYLLIUM	0.001	U	
CADMIUM	0.001	U	
CALCIUM	0.04	J	P
CHROMIUM	0.002	U	
COBALT	0.006	U	
COPPER	0.042		
IRON	0.07	U	
LEAD	0.0003	J	P
MAGNESIUM	0.11	U	
MANGANESE	0.0002	J	P
MERCURY	0.0005	U	
NICKEL	0.006	U	
POTASSIUM	0.56	U	
SELENIUM	0.006	U	
SILVER	0.0004	J	P
SODIUM	0.05	J	P
THALLIUM	0.00004	J	P
VANADIUM	0.001	U	
ZINC	0.006	U	

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
n01	=	Internal Standard Recovery Noncompliance Dioxins
n02	=	Recovery Standard Noncompliance Dioxins
n03	=	Clean-up Standard Noncompliance Dioxins
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)
w	=	Ratios of primary monitored ions outside of theoretical +/-15 %, within +/- 25 %
x	=	Signal to noise response drop
y	=	Percent solids <30%
z	=	Uncertainty at 2 sigma deviation is greater than sample activity

Data Qualifier Key:

B	- Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	- Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).
K	- Positive result is considered biased high due to exceedance of technical quality control criteria.
L	- Positive result is considered biased low due to exceedance of technical quality control criteria.
U	- Value is a non-detected result as reported by the laboratory.
UL	- Non-detected result is considered biased low due to exceedance of technical quality control criteria.
UR	- Non-detected result is considered unusable due to exceedance of technical quality control criteria.

APPENDIX B

Laboratory Analytical Results

ANALYTICAL LABORATORY SERVICES, INC.
www.analyticallab.com
NELAP Accredited
PA 22-293 NJ PA010
ACCREDITED IN ACCORDANCE WITH nelac
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605001** Date Collected: 1/24/2008 11:40 Matrix: Solid
Sample ID: **MTG-SB01-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	29700	mg/kg	3	10500	90	SW846 6020	2/1/08	SRT	2/11/08 14:53	AJB	E3
Antimony, Total	0.3J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/8/08 11:18	AJB	E3
Arsenic, Total	6.4	mg/kg		1.3	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Barium, Total	126	mg/kg		3.3	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Beryllium, Total	1.0	mg/kg		0.7	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Cadmium, Total	ND	mg/kg		0.3	0.05	SW846 6020	2/1/08	SRT	2/7/08 21:41	AJB	E3
Calcium, Total	3310	mg/kg		11	4	SW846 6010B	2/4/08	MNP	2/12/08 12:35	TED	E4
Chromium, Total	16.0	mg/kg		1.3	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Cobalt, Total	10	mg/kg		1.3	0.08	SW846 6020	2/1/08	SRT	2/7/08 21:41	AJB	E3
Copper, Total	26.5	mg/kg		1.3	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Iron, Total	38500	mg/kg		11	3	SW846 6010B	2/4/08	MNP	2/12/08 12:35	TED	E4
Lead, Total	22.7	mg/kg		1.3	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Magnesium, Total	35200	mg/kg		11	1	SW846 6010B	2/4/08	MNP	2/12/08 12:35	TED	E4
Manganese, Total	582	mg/kg		3.3	0.2	SW846 6020	2/1/08	SRT	2/7/08 19:25	AJB	E3
Mercury, Total	0.04J	mg/kg		0.23	0.02	SW846 7471B	1/27/08	CMD	1/27/08 11:34	CMD	E1
Nickel, Total	30.6	mg/kg		3.3	0.05	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Potassium, Total	8820	mg/kg		56	10	SW846 6010B	2/4/08	MNP	2/6/08 10:52	TED	E4
Selenium, Total	ND	mg/kg		0.5	0.2	SW846 6020	2/1/08	SRT	2/7/08 21:41	AJB	E3
Silver, Total	0.3J	mg/kg		0.3	0.08	SW846 6020	2/1/08	SRT	2/8/08 11:18	AJB	E3
Sodium, Total	30J	mg/kg		56	6	SW846 6010B	2/4/08	MNP	2/6/08 10:52	TED	E4
Thallium, Total	0.3	mg/kg		0.3	0.08	SW846 6020	2/1/08	SRT	2/7/08 21:41	AJB	E3
Vanadium, Total	26.1	mg/kg		0.7	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3
Zinc, Total	45.9	mg/kg		3.3	0.4	SW846 6020	2/1/08	SRT	2/1/08 15:02	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0046

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605002** Date Collected: 1/24/2008 12:00 Matrix: Solid
Sample ID: **MTG-SB02-0607** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	10300	mg/kg	3	8970	80	SW846 6020	2/1/08	SRT	2/11/08 14:56	AJB	E3
Antimony, Total	0.3J	mg/kg		0.4	0.04	SW846 6020	2/1/08	SRT	2/7/08 21:47	AJB	E3
Arsenic, Total	2.5	mg/kg		1.1	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Barium, Total	49.6	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Beryllium, Total	0.7	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Cadmium, Total	ND	mg/kg		0.2	0.04	SW846 6020	2/1/08	SRT	2/7/08 21:47	AJB	E3
Calcium, Total	2250	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 12:46	TED	E4
Chromium, Total	10.8	mg/kg		1.1	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Cobalt, Total	5.9	mg/kg		1.1	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:47	AJB	E3
Copper, Total	16.9	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Iron, Total	31800	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 12:46	TED	E4
Lead, Total	16.3	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Magnesium, Total	15100	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 12:46	TED	E4
Manganese, Total	766	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/7/08 19:31	AJB	E3
Mercury, Total	ND	mg/kg		0.20	0.02	SW846 7471B	1/27/08	CMD	1/27/08 11:45	CMD	E1
Nickel, Total	16.3	mg/kg		2.8	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Potassium, Total	4610	mg/kg		59	20	SW846 6010B	2/4/08	MNP	2/6/08 10:54	TED	E4
Selenium, Total	0.2J	mg/kg		0.4	0.1	SW846 6020	2/1/08	SRT	2/7/08 21:47	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 11:22	AJB	E3
Sodium, Total	24J	mg/kg		59	7	SW846 6010B	2/4/08	MNP	2/6/08 10:54	TED	E4
Thallium, Total	0.2J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:47	AJB	E3
Vanadium, Total	22.2	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3
Zinc, Total	25.9	mg/kg		2.8	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:08	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0050

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605003** Date Collected: 1/24/2008 12:05 Matrix: Solid

Sample ID: **MTG-SB02-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	14000	mg/kg	3	9360	80	SW846 6020	2/1/08	SRT	2/11/08 15:00	AJB	E3
Antimony, Total	0.2J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 21:53	AJB	E3
Arsenic, Total	2.3	mg/kg		1.2	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Barium, Total	48.9	mg/kg		2.9	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Beryllium, Total	1.1	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 21:53	AJB	E3
Calcium, Total	652	mg/kg		11	3	SW846 6010B	2/4/08	MNP	2/12/08 12:51	TED	E4
Chromium, Total	12.7	mg/kg		1.2	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Cobalt, Total	14.8	mg/kg		1.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:53	AJB	E3
Copper, Total	40.1	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Iron, Total	25100	mg/kg		11	2	SW846 6010B	2/4/08	MNP	2/12/08 12:51	TED	E4
Lead, Total	15.1	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Magnesium, Total	16500	mg/kg		11	1	SW846 6010B	2/4/08	MNP	2/12/08 12:51	TED	E4
Manganese, Total	600	mg/kg		2.9	0.2	SW846 6020	2/1/08	SRT	2/7/08 19:31	AJB	E3
Mercury, Total	ND	mg/kg		0.24	0.02	SW846 7471B	1/27/08	CMD	1/27/08 11:49	CMD	E1
Nickel, Total	26.8	mg/kg		2.9	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Potassium, Total	7580	mg/kg		53	10	SW846 6010B	2/4/08	MNP	2/6/08 10:56	TED	E4
Selenium, Total	ND	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 21:53	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 11:25	AJB	E3
Sodium, Total	22J	mg/kg		53	6	SW846 6010B	2/4/08	MNP	2/6/08 10:56	TED	E4
Thallium, Total	0.3	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:53	AJB	E3
Vanadium, Total	22.9	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3
Zinc, Total	25.7	mg/kg		2.9	0.4	SW846 6020	2/1/08	SRT	2/1/08 15:13	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0054

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605004** Date Collected: 1/24/2008 12:30 Matrix: Solid
Sample ID: **MTG-SB03-0506** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	9710	mg/kg	3	8940	80	SW846 6020	2/1/08	SRT	2/11/08 15:04	AJB	E3
Antimony, Total	0.2J	mg/kg		0.4	0.04	SW846 6020	2/1/08	SRT	2/7/08 22:17	AJB	E3
Arsenic, Total	1.2	mg/kg		1.1	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Barium, Total	30.6	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Beryllium, Total	0.5J	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/7/08 20:00	AJB	E3
Cadmium, Total	ND	mg/kg		0.2	0.04	SW846 6020	2/1/08	SRT	2/7/08 22:17	AJB	E3
Calcium, Total	493	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 12:57	TED	E4
Chromium, Total	8.0	mg/kg		1.1	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Cobalt, Total	9.7	mg/kg		1.1	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:17	AJB	E3
Copper, Total	25.5	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Iron, Total	22700	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 12:57	TED	E4
Lead, Total	6.3	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Magnesium, Total	11200	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 12:57	TED	E4
Manganese, Total	320	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:00	AJB	E3
Mercury, Total	ND	mg/kg		0.22	0.02	SW846 7471B	1/27/08	CMD	1/27/08 11:52	CMD	E1
Nickel, Total	18.2	mg/kg		2.8	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Potassium, Total	3160	mg/kg		59	20	SW846 6010B	2/4/08	MNP	2/6/08 10:58	TED	E4
Selenium, Total	ND	mg/kg		0.4	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:17	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 11:49	AJB	E3
Sodium, Total	15J	mg/kg		59	7	SW846 6010B	2/4/08	MNP	2/6/08 10:58	TED	E4
Thallium, Total	0.2J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:17	AJB	E3
Vanadium, Total	14.1	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3
Zinc, Total	21.5	mg/kg		2.8	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:19	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0058

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605005** Date Collected: 1/24/2008 12:45 Matrix: Solid

Sample ID: **MTG-SB03-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	47500	mg/kg	3	9780	90	SW846 6020	2/1/08	SRT	2/11/08 15:08	AJB	E3
Antimony, Total	0.1J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Arsenic, Total	0.4J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Barium, Total	28.9	mg/kg		3.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Beryllium, Total	0.7	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/7/08 20:06	AJB	E3
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Calcium, Total	2440	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 13:03	TED	E4
Chromium, Total	22.4	mg/kg		1.2	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Cobalt, Total	6.9	mg/kg		1.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Copper, Total	8.9	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Iron, Total	39500	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 13:03	TED	E4
Lead, Total	2.4	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Magnesium, Total	76300	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 13:03	TED	E4
Manganese, Total	384	mg/kg		3.1	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:06	AJB	E3
Mercury, Total	ND	mg/kg		0.22	0.02	SW846 7471B	1/27/08	CMD	1/27/08 11:56	CMD	E1
Nickel, Total	25.1	mg/kg		3.1	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Potassium, Total	9330	mg/kg		58	10	SW846 6010B	2/4/08	MNP	2/6/08 11:00	TED	E4
Selenium, Total	ND	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 11:53	AJB	E3
Sodium, Total	129	mg/kg		58	6	SW846 6010B	2/4/08	MNP	2/6/08 11:00	TED	E4
Thallium, Total	0.3	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:23	AJB	E3
Vanadium, Total	30.0	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3
Zinc, Total	50.8	mg/kg		3.1	0.4	SW846 6020	2/1/08	SRT	2/1/08 15:24	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0062

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605006** Date Collected: 1/24/2008 13:25 Matrix: Solid
Sample ID: **MTG-SB04-1112** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	25200	mg/kg	3	965	8	SW846 6020	2/1/08	SRT	2/11/08 16:50	AJB	E3
Antimony, Total	0.1J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Arsenic, Total	0.7	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Barium, Total	29.1	mg/kg		3.0	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Beryllium, Total	1.1	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Calcium, Total	332	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 13:08	TED	E4
Chromium, Total	12.0	mg/kg		1.2	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Cobalt, Total	7.9	mg/kg		1.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Copper, Total	20.9	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Iron, Total	28300	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 13:08	TED	E4
Lead, Total	4.4	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Magnesium, Total	19400	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 13:08	TED	E4
Manganese, Total	512	mg/kg		3.0	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:12	AJB	E3
Mercury, Total	ND	mg/kg		0.21	0.02	SW846 7471B	1/27/08	CMD	1/27/08 12:00	CMD	E1
Nickel, Total	17.4	mg/kg		3.0	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Potassium, Total	5690	mg/kg		59	20	SW846 6010B	2/4/08	MNP	2/6/08 11:02	TED	E4
Selenium, Total	ND	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 11:56	AJB	E3
Sodium, Total	10J	mg/kg		59	7	SW846 6010B	2/4/08	MNP	2/6/08 11:02	TED	E4
Thallium, Total	0.3	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:28	AJB	E3
Vanadium, Total	23.2	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3
Zinc, Total	22.1	mg/kg		3.0	0.4	SW846 6020	2/1/08	SRT	2/1/08 15:30	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0066

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605007** Date Collected: 1/24/2008 13:35 Matrix: Solid
Sample ID: **MTG-SB04-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	31000	mg/kg	3	881	8	SW846 6020	2/1/08	SRT	2/11/08 16:56	AJB	E3
Antimony, Total	0.1J	mg/kg		0.4	0.04	SW846 6020	2/1/08	SRT	2/7/08 22:34	AJB	E3
Arsenic, Total	1.8	mg/kg		1.1	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Barium, Total	25.7	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Beryllium, Total	0.8	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Cadmium, Total	ND	mg/kg		0.2	0.04	SW846 6020	2/1/08	SRT	2/7/08 22:34	AJB	E3
Calcium, Total	455	mg/kg		11	4	SW846 6010B	2/4/08	MNP	2/12/08 13:14	TED	E4
Chromium, Total	9.7	mg/kg		1.1	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Cobalt, Total	7.4	mg/kg		1.1	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:34	AJB	E3
Copper, Total	6.9	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Iron, Total	28300	mg/kg		11	3	SW846 6010B	2/4/08	MNP	2/12/08 13:14	TED	E4
Lead, Total	8.4	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Magnesium, Total	25200	mg/kg		11	1	SW846 6010B	2/4/08	MNP	2/12/08 13:14	TED	E4
Manganese, Total	960	mg/kg		2.8	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:18	AJB	E3
Mercury, Total	ND	mg/kg		0.20	0.02	SW846 7471B	1/27/08	CMD	1/27/08 12:03	CMD	E1
Nickel, Total	16.5	mg/kg		2.8	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Potassium, Total	9080	mg/kg		55	10	SW846 6010B	2/4/08	MNP	2/6/08 11:05	TED	E4
Selenium, Total	0.2J	mg/kg		0.4	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:34	AJB	E3
Silver, Total	0.09J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 12:00	AJB	E3
Sodium, Total	40J	mg/kg		55	6	SW846 6010B	2/4/08	MNP	2/6/08 11:05	TED	E4
Thallium, Total	0.2J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:34	AJB	E3
Vanadium, Total	24.7	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3
Zinc, Total	20.1	mg/kg		2.8	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:36	LAM	E3

Sample Comments:

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Raymond J. Martrano
Laboratory Manager

0070

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605008** Date Collected: 1/24/2008 14:20 Matrix: Solid

Sample ID: **MTG-SB05-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	12400	mg/kg	3,8	9280	80	SW846 6020	2/1/08	SRT	2/11/08 14:43	AJB	E5
Antimony, Total	0.1J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 21:12	AJB	E5
Arsenic, Total	1.4	mg/kg		1.2	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Barium, Total	27.5	mg/kg		2.9	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Beryllium, Total	1.4	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 21:12	AJB	E5
Calcium, Total	160	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 13:48	TED	E6
Chromium, Total	12.5	mg/kg		1.2	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Cobalt, Total	8.0	mg/kg		1.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:12	AJB	E5
Copper, Total	20.3	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Iron, Total	26700	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 13:48	TED	E6
Lead, Total	10.8	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Magnesium, Total	20800	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 13:48	TED	E6
Manganese, Total	376	mg/kg	8	2.9	0.2	SW846 6020	2/1/08	SRT	2/7/08 18:55	AJB	E5
Mercury, Total	ND	mg/kg	9	0.22	0.02	SW846 7471B	1/27/08	CMD	1/27/08 12:07	CMD	E1
Nickel, Total	15.5	mg/kg		2.9	0.04	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Potassium, Total	8880	mg/kg		58	10	SW846 6010B	2/4/08	MNP	2/6/08 11:07	TED	E6
Selenium, Total	ND	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 21:12	AJB	E5
Silver, Total	0.2J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 10:57	AJB	E5
Sodium, Total	19J	mg/kg		58	7	SW846 6010B	2/4/08	MNP	2/6/08 11:07	TED	E6
Thallium, Total	0.4	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 21:12	AJB	E5
Vanadium, Total	19.5	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5
Zinc, Total	22.5	mg/kg		2.9	0.3	SW846 6020	2/1/08	SRT	2/1/08 15:41	LAM	E5

Sample Comments:

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Raymond J. Martrano
Laboratory Manager

0074

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605009** Date Collected: 1/24/2008 14:40 Matrix: Solid
Sample ID: **MTG-SB05-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	5670	mg/kg	3	980	9	SW846 6020	2/1/08	SRT	2/11/08 17:00	AJB	E3
Antimony, Total	0.1J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:40	AJB	E3
Arsenic, Total	3.0	mg/kg		1.2	0.1	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Barium, Total	20.6	mg/kg		3.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Beryllium, Total	1.9	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:40	AJB	E3
Calcium, Total	102	mg/kg		12	4	SW846 6010B	2/4/08	MNP	2/12/08 14:05	TED	E4
Chromium, Total	3.7	mg/kg		1.2	0.3	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Cobalt, Total	10.6	mg/kg		1.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:40	AJB	E3
Copper, Total	21.9	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Iron, Total	21600	mg/kg		12	3	SW846 6010B	2/4/08	MNP	2/12/08 14:05	TED	E4
Lead, Total	44.3	mg/kg		1.2	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Magnesium, Total	2970	mg/kg		12	1	SW846 6010B	2/4/08	MNP	2/12/08 14:05	TED	E4
Manganese, Total	539	mg/kg		3.1	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:24	AJB	E3
Mercury, Total	0.02J	mg/kg		0.20	0.02	SW846 7471B	1/27/08	CMD	1/27/08 12:18	CMD	E1
Nickel, Total	21.6	mg/kg		3.1	0.04	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Potassium, Total	2080	mg/kg		60	20	SW846 6010B	2/4/08	MNP	2/6/08 11:20	TED	E4
Selenium, Total	0.2J	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:40	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 12:04	AJB	E3
Sodium, Total	ND	mg/kg		60	7	SW846 6010B	2/4/08	MNP	2/6/08 11:20	TED	E4
Thallium, Total	0.3	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:40	AJB	E3
Vanadium, Total	9.0	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3
Zinc, Total	24.3	mg/kg		3.1	0.4	SW846 6020	2/1/08	SRT	2/1/08 16:07	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0078

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605010** Date Collected: 1/24/2008 00:00 Matrix: Solid

Sample ID: **MTG-FD-01** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	12200	mg/kg	3	914	8	SW846 6020	2/1/08	SRT	2/11/08 17:03	AJB	E3
Antimony, Total	0.1J	mg/kg		0.5	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:46	AJB	E3
Arsenic, Total	2.0	mg/kg		1.1	0.1	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Barium, Total	46.8	mg/kg	10	2.9	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Beryllium, Total	0.5J	mg/kg		0.6	0.1	SW846 6020	2/1/08	SRT	2/7/08 20:30	AJB	E3
Cadmium, Total	ND	mg/kg		0.2	0.05	SW846 6020	2/1/08	SRT	2/7/08 22:46	AJB	E3
Calcium, Total	388	mg/kg		10	3	SW846 6010B	2/4/08	MNP	2/12/08 14:10	TED	E4
Chromium, Total	10.8	mg/kg		1.1	0.3	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Cobalt, Total	10.3	mg/kg		1.1	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:46	AJB	E3
Copper, Total	14.7	mg/kg		1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Iron, Total	23100	mg/kg		10	2	SW846 6010B	2/4/08	MNP	2/12/08 14:10	TED	E4
Lead, Total	6.5	mg/kg	10	1.1	0.2	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Magnesium, Total	4740	mg/kg		10	1	SW846 6010B	2/4/08	MNP	2/12/08 14:10	TED	E4
Manganese, Total	404	mg/kg		2.9	0.2	SW846 6020	2/1/08	SRT	2/7/08 20:30	AJB	E3
Mercury, Total	ND	mg/kg		0.22	0.02	SW846 7471B	1/27/08	CMD	1/27/08 12:28	CMD	E1
Nickel, Total	19.8	mg/kg		2.9	0.04	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Potassium, Total	2080	mg/kg		51	10	SW846 6010B	2/4/08	MNP	2/6/08 11:22	TED	E4
Selenium, Total	ND	mg/kg		0.5	0.1	SW846 6020	2/1/08	SRT	2/7/08 22:46	AJB	E3
Silver, Total	0.1J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/8/08 12:04	AJB	E3
Sodium, Total	16J	mg/kg		51	6	SW846 6010B	2/4/08	MNP	2/6/08 11:22	TED	E4
Thallium, Total	0.2J	mg/kg		0.2	0.07	SW846 6020	2/1/08	SRT	2/7/08 22:46	AJB	E3
Vanadium, Total	15.6	mg/kg	10	0.6	0.1	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3
Zinc, Total	18.9	mg/kg		2.9	0.3	SW846 6020	2/1/08	SRT	2/1/08 16:12	LAM	E3

Sample Comments:

Raymond J. Martrano
Laboratory Manager

0082

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605011** Date Collected: 1/24/2008 13:40 Matrix: Water

Sample ID: **RB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
METALS											
Aluminum, Total	ND	mg/L		0.080		SW846 6020	2/5/08	SRT	2/8/08 15:37	LAM	F1
Antimony, Total	0.0009J	mg/L		0.0020	0.00005	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Arsenic, Total	ND	mg/L		0.0060	0.0004	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Barium, Total	0.0001J	mg/L		0.0060	0.00005	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Beryllium, Total	ND	mg/L		0.0010	0.00007	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Cadmium, Total	ND	mg/L		0.0010	0.00001	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Calcium, Total	0.04J	mg/L		0.11	0.003	SW846 6010B	2/5/08	MNP	2/11/08 14:06	TED	F2
Chromium, Total	ND	mg/L		0.0020		SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Cobalt, Total	ND	mg/L		0.0060	0.00003	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Copper, Total	0.0420	mg/L		0.0060		SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Iron, Total	ND	mg/L		0.07	0.02	SW846 6010B	2/5/08	MNP	2/11/08 14:06	TED	F2
Lead, Total	0.0003J	mg/L		0.0020	0.00002	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Magnesium, Total	ND	mg/L		0.11	0.01	SW846 6010B	2/5/08	MNP	2/11/08 14:06	TED	F2
Manganese, Total	0.0002J	mg/L		0.0060	0.00004	SW846 6020	2/5/08	SRT	2/8/08 15:37	LAM	F1
Mercury, Total	ND	mg/L		0.0005		SW846 7470A	2/15/08	CMD	2/18/08 08:30	CMD	F3
Nickel, Total	ND	mg/L		0.0060	0.00006	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Potassium, Total	ND	mg/L		0.56	0.07	SW846 6010B	2/5/08	MNP	2/6/08 12:34	TED	F2
Selenium, Total	ND	mg/L		0.006	0.001	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Silver, Total	0.0004J	mg/L		0.0010	0.00004	SW846 6020	2/5/08	SRT	2/8/08 15:37	LAM	F1
Sodium, Total	0.05J	mg/L		0.56	0.02	SW846 6010B	2/5/08	MNP	2/6/08 12:34	TED	F2
Thallium, Total	0.00004J	mg/L		0.0010	0.00002	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Vanadium, Total	ND	mg/L		0.0010	0.00003	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1
Zinc, Total	ND	mg/L		0.0060	0.002	SW846 6020	2/5/08	SRT	2/7/08 16:09	LAM	F1

Sample Comments:

This report was modified to include the mercury analysis per the scope of work. Don Whalen of Tetra Tech was notified on 02/14/08 the analysis would be included in a modified report. SJB 02/15/08

Raymond J. Martrano
Laboratory Manager

0086

APPENDIX C

Support Documentation

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Page 1 of 3
Courier:
Tracking #:
9720605

Co. Name: Tetra Tech NUS
Contact (Report to): Donald Whalen
Phone: 610 491 9622
Address: 234 Mall Blvd Ste 260
King of Prussia PA 19406

Bill to (if different from Report to):
PO#:

Project Name/#: NWCBC Reading
ALSI Quote #:
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:
Email? -Y
Fax? -Y No.

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	TCL VOC	TAL metals TCL SVOC, TS	Fab in Cistern
	Container Type						Eagle	Jar	
	Container Size						8g	4oz	
	Preservative						1	1	
	Enter Number of Containers Per Analysis								
1	MTG-SB01-0304		1/24/08	1140		SO	3	1	
2	MTG-SB02-0607		1	1200		SO	3	1	
3	MTG-SB02-0304		1	1205		SO	3	1	
4	MTG-SB03-0506		1	1230		SO	3	1	
5	MTG-SB03-1011		1	1245		SO	3	1	
6	MTG-SB04-1112		1	1325		SO	3	1	
7	MTG-SB04-2223		1	1335		SO	3	1	
8	MTG-SB05-1011 MS/MSD	Don Whalen on site @	1	1420		SO	9	3	1

Cooler Temp: 3
Therm. ID: 510365
No. of Coolers:
Notes:

	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Circle appropriate Y or N.
	Y	Y	Y	Y	
	Custody seals Present?	(If present) Seals intact?	Received on Ice?	COC/Labels complete/accurate?	Container in good condition?
	Y	Y	Y	Y	Y

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (Signature): 1/25/08 1315
REVIEWED BY (Signature): 01/28/08 1319

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Donald Whalen TTNUS	1/27/08	1516	2 D. Blank ALST	1-24-08	1517
3 D. Blank ALST	1-24-08	1755	4 [illegible]	1/24/08	1755
5			6		
7			8		
9			10		

Data Deliverables: [X] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] other
Bills Approved [ ] If yes, format type:
DWA Forms/To: yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected in? MD [ ] NJ [ ] NY [ ] PA [ ]
Other
OCB Criteria Required?

ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite
**Matrix: AIR=Air; DW=Drinking Water; GW=Groundwater; OH=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCL, HNO3, NaOH, etc.

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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Page — of —
Courier:
Tracking #: 9720605

Co. Name: Tyrus
Contact (Report to): Donald Whalen
Phone:
Address: 234 Mall Blvd, King of Prussia PA

Bill to (if different than Report to):
PO#:

Project Name/#: NMCBC Reading
ALSI Quote #:
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:
Email? -Y
Fax? -Y No.

	***Container Type	Eng	Jar	G	A	P					
	***Container Size	3g	40z	40ml	1L	250ml					
	Preservative			HCl	—	HNO3					
		TCL VOC	TCL SVOC TAL metals, TS	TCL VOC	TCL SVOC	TAL metals					

ANALYSES/METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix										
1	MTG-SB05-3225		1/24/08	1440	G	SO	3	1								
2	MTG-FD-01			0000	G	SO	3	1								
3	RB-012408			1340	G	OL			2	2	1					
4	TB-012408		1/24/08	1755	G	OL			2							
5		All encores taken to	JG	1-25												
6		GCMS Acr extraction	MM	1/24/08												
7		Eric Chipka		1/24/08 1850												
8																

Enter Number of Containers Per Analysis

Receipt Information (completed by Sample Receiver)
Received by: Date/Time
Cooler Temp: 3
Therm. ID: 5102355
No. of Coolers:
Notes:

	Correct container?	Correct sample volume?	Correct preservation?	Headspace/bubbles?	Circle appropriate Y or N.
1	Y	Y	Y	Y	
2	Y	Y	Y	Y	
3	Y	Y	Y	Y	
4	Y	Y	Y	Y	

	Custody seals Present?	(If present) Seals intact?	Received on ice?	COC/Labels complete/accurate?	Container in good condition?
1	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (signature): Date 1/25/08 Time 1100
REVIEWED BY (signature): Date 1/28/08 Time 1319

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 [signature]	1/24/08	1516	2 D. Blank ALSI	1/24/08	1517
3 D. Blank ALSI	1/24/08	1755	4 [signature]	1/24/08	1755
5			6		
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] [ ] If yes, format type:
EDD Required
QQD Criteria Required?

SDWA Forms/Zip: yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected In?: MD [ ] NJ [ ] NY [ ] PA [ ]
Other

ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

*G=Grab; C=Composite **Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
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0021

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Initial Calibrations. An eight-point calibration for SW-846 Method 8270 was analyzed on MS08 on January 18, 2008. Also, a calibration was analyzed for Atrazine on MS08 on February 5, 2008. These calibrations were used for the analyses of the samples, blanks and spikes. The initial calibrations met method criteria for all target analytes.

Calibration Checks. A calibration check standard for SW-846 Method 8270 was analyzed twice on MS08 on February 6, 2008. These calibration checks met method criteria for all target analytes.

Blanks. One method blank, identified as 436765, was extracted and analyzed with the samples. No target analytes were detected in the method blank.

Surrogates. An eight-component surrogate mix was added to each the samples, blanks and blank spikes. Six surrogates were monitored for Method 8270. All surrogate recoveries were within QC limits in the samples, blanks and spikes.

Internal Standards. A five-component internal standard mix was added to each sample, blank and spike. All internal standards had recoveries within QC limits.

Blank Spikes. One blank spike, identified as 436766 for the 8270 method was analyzed with the samples. All recoveries for the target analytes were within QC limits in the blank spike.

Matrix Spikes. A matrix spike and a matrix spike duplicate, identified as 436767 and 436768, were extracted and analyzed with the project sample, identified as 9720605008 (MTG-SB05-1011). All target analytes had recoveries within QC limits.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

METALS by SW-846 Method 3015/6020

Sample handling. One (1) aqueous sample was analyzed for total metals on the ELAN DRCe ICP-MS using SW-846 Method 6020A. The sample was analyzed within the six-month holding time established for this method.

Calibration. Prior to calibration, mass calibration and resolution checks were conducted on the instrument. All criteria associated with the mass calibration and resolution checks were within control. The instrument was calibrated for metals using a blank and five to seven calibration standards. The calibration was verified prior to running samples through the analysis of a second source standard. A continuing calibration standard was analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and calibration verification standards were within control limits.

Blanks. Reagent blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Metals were not present in any of the reagent blanks at a detectable level. A method blank, identified as samples 437218-MB, was analyzed with the sample in this deliverable group. Metals were not present in the method blank.

Laboratory Control Samples. Laboratory control sample, identified 437219-LCS, was analyzed with the sample in this deliverable group. The LCS recoveries were within the control limits for this method.

METALS by SW-846 Method 3051A/6020

Sample handling. Ten (10) soil samples were digested and analyzed for metals on the ELAN 6000 using SW-846 Method 3051A/6020A. The samples were digested and analyzed within the six-month holding time established for this method.

Calibration. Prior to calibration, mass calibration and resolution checks were conducted on the instrument. All criteria associated with the mass calibration and resolution checks were within acceptance standards. The instrument was calibrated for metals using a blank and three calibration standards. The calibration was verified prior to running samples through the analysis of a second source standard. A continuing calibration standard was analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and calibration verification standards were within control. This was accomplished by re-analyzing samples associated with outlying calibration checks with calibration standards meeting all criteria.

Blanks. Reagent blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Sample associated with reagent blanks containing target elements at concentrations greater than the reporting limit were re-analyzed with reagent blanks that were within control. A method blank, identified as 436845, was also analyzed with the samples. Metals were not present in the method blank.

Laboratory Control Samples. A laboratory control sample, identified as 436846, was analyzed with the samples. The recoveries were within QC limits for the laboratory control sample.

Matrix Spike/Matrix Spike Duplicate. A matrix spike/matrix spike duplicate, identified as 436847 and 436848, was digested and analyzed on project sample MTG-SB05-1011 (9720605008) in this deliverable group. The spikes were analyzed multiple times due to dilutions necessary for the field sample. Are elements were recovered within QC limits, except copper, barium, and vanadium. Post-digestion spikes were analyzed for these elements. The post-spike recoveries were within Qc limits. The concentration of aluminum and manganese were greater than ten times the spiking concentration used. As such, spike recoveries are not valid.

Metals by SW-846 Method 3015/6010C

Sample handling. One (1) water sample was digested by SW-846 method 3015 and the digestate was analyzed for total calcium, iron, and magnesium on the TJA TRACE ICP using SW-846 method 6010C. All samples were digested and analyzed within the six-month holding time established for the method.

Calibration. The day that the sample was analyzed, an initial four-point calibration was properly established and verified through the analysis of a second source calibration verification standard (ICV), an initial calibration blank (ICB), an initial performance check (IPC/CCV), interference check standards (ICSA and ICSAB), and a reporting limit standard (CRDL). Calibration checks were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within the method control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Metals were not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 437589-MB was digested and analyzed with the samples in this deliverable group. Metals were not detected in the method blank.

Laboratory Control Sample. A laboratory control sample identified as 437590-LCS was digested and analyzed with the samples in this deliverable group. The LCS recoveries were within control limits.

Spikes. A matrix spike/matrix spike duplicate identified as 437591 and 437592 were digested and analyzed on sample 9720605011 (RB-016408), in this deliverable group. The MS/MSD recoveries and their associated RPD's were within the control limits for this method.

Metals by SW-846 Method 3051A / 6010C

Sample handling. Ten (10) soil samples were digested by SW-846 method 3051A and the digestates were analyzed for total calcium, iron, and magnesium on the TJA TRACE ICP using SW-846 method 6010C. All samples were digested and analyzed within the six-month holding time established for the method.

Calibration. The day that the sample was analyzed, an initial four-point calibration was properly established and verified through the analysis of a second source calibration verification standard (ICV), an initial calibration blank (ICB), an initial performance check (IPC/CCV), interference check standards (ICSA and ICSAB), and a reporting limit standard (CRDL). Calibration checks were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within the method control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Metals were not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 437214-MB, was digested and analyzed with the samples in this deliverable group. Metals were not detected in the method blank.

Laboratory Control Sample. A laboratory control sample (LCS), identified as sample 437215-LCS, was digested and analyzed with the samples in this deliverable group. The LCS spike recoveries were within the control limits of 80-120 %.

Spikes. A matrix spike/matrix spike duplicate identified as 434216 and 437217, were digested and analyzed on sample 9720605008 (MTG-SB05-1011), in this deliverable group. The MS/MSD recoveries and RPD's were within control limits for calcium. The iron and magnesium analyte concentrations in the sample were greater than ten times the concentration of our spiking solution. For this reason, spike recoveries are not valid (NCS).

Total Potassium and Sodium by SW-846 Method 3015/6010C

Sample handling. One (1) water sample was digested by SW-846 Method 3015 and the digestate were analyzed for total potassium and sodium on the TJA IRIS ICP using SW-846 Method 6010C. The sample was digested and analyzed within the six-month holding time established for the method.

Calibration. The day the sample was analyzed, an initial four-point calibration was properly established and verified through the analysis of a second source calibration verification standard (ICV), an initial calibration blank (ICB), a reporting limit standard (CRDL/RPL), a high standard, an initial performance check (IPC/CCV), and an interference check standard (ICS). Calibration checks were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within the acceptable control limits for this method.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Potassium and sodium were not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 437589-MB, was digested and analyzed with the sample in this deliverable group. Potassium and sodium were not detected in the method blank.

Laboratory Control Samples. A laboratory control sample identified as 437590-LCS, was also digested and analyzed with the sample in this deliverable group. The potassium and sodium LCS recoveries were found to be within the acceptable control limits.

Spikes: A matrix spike/matrix spike duplicate identified as 437591 and 437592, were digested and analyzed on sample 9720605011 (RB-012408), in this deliverable group. The MS/MSD recoveries were within the 80-120% control limits for this method.

Potassium and Sodium by SW-846 Method 3051A/6010B

Sample handling. Ten (10) soil samples were digested by SW-846 Method 3051A and the digestates were analyzed for potassium and sodium on the TJA IRIS ICP using SW-846 Method 6010C. All samples were digested and analyzed within the six-month holding time established for the method.

Calibration. The day that the sample was analyzed, an initial four-point calibration was properly established and verified through the analysis of a second source calibration verification standard, an initial calibration blank (ICB), an initial performance check (CCV), and an interference check standard (ICS). Calibration checks were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within the method control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Potassium and sodium were not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 437214-MB was also digested and analyzed with the sample in this deliverable group. Potassium and sodium were not detected in the method blank.

Laboratory Control Samples. A laboratory control sample (LCS), identified as 437215-LCS was digested and analyzed with the samples in this deliverable group. The LCS recoveries were within the control limits of 80-120 %.

Spikes. A matrix spike/matrix spike duplicate identified as 437216 and 437217, were analyzed on sample 9720605008 (MTG-SB05-1011), in this deliverable group. The sodium MS/MSD spike recoveries and its RPD were within the control limits. The potassium analyte concentration in the sample was greater than ten times the concentration of our spiking solution. For this reason, spike recoveries are not valid.

Total Mercury by SW-846 Method 7470A

Sample handling. One (1) water sample was analyzed for total mercury on the CETAC Hg Analyzer, using SW-846 Method 7470A. The sample was digested and analyzed within the 28-day holding time established for the method.

Calibration. On the day the sample was analyzed, an initial five-point calibration was properly established and verified through the analysis of a second source calibration verification standard. Calibration check standards were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Mercury was not detected in the reagent blanks. A Method Blank, identified as 440584-MB, was digested and analyzed with the sample in this deliverable group. Mercury was not detected in the method blank

Laboratory Control Samples. A laboratory control sample, identified as 440585-LCS, was digested and analyzed for total mercury with the sample in this deliverable group. The mercury recovery was within the control limits for this method.

Mercury by SW-846 Method 7471

Sample handling. Ten (10) soil samples were analyzed for total mercury on the CETAC Hg ANALYZER using SW-846 method 7471. The samples were digested and analyzed within the 28-day holding time established for the method.

Calibration. The day that the samples were analyzed, an initial five-point calibration was properly established and verified through the analysis of a second source calibration verification standard. Calibration check standards were analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and check standards were within control limits.

Blanks. Reagent (calibration) blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Mercury was not present in any of the reagent blanks at a detectable level. A method blank, identified as sample 435481-MB was digested and analyzed with the samples in this deliverable group. Mercury was not detected in the method blanks.

Laboratory Control Sample. A laboratory control sample, identified as 435482-LCS, was digested and analyzed with the samples in this deliverable group. The laboratory control sample was recovered within the control limits of 70-130 %.

Spikes. A matrix spike/matrix spike duplicate identified as 435485 and 435486 were digested and analyzed on sample 9720605008 (MTG-SB05-1011), in this deliverable group. The MS/MSD recoveries and their RPD were within the control limits for this method.

Total Solids by SM 2540G

Sample handling. Ten (10) solid samples were analyzed for total solids by Standard Method 2540G. The samples were analyzed within the 7-day hold time established for the method.

Duplicate. A duplicate analysis was performed on samples 9720605002 (MTG-SB02-0607) and 9720605008 (MTG-SB05-1011). The relative percent differences between the duplicate results were within the QC limit of 5 %.

Sample Description
MTG-SB05-1011

Form 3A
Matrix Spike and Matrix Spike Duplicate Recovery Summary

Analysis Method: 6020
Matrix (soil/water): SOIL
Units: mg/kg
% moisture: NA
Date Analyzed: 2/1/2008 (1/5)

SDG No.: TCK-001
Lab Sample ID: 436847/436848 (9720605008)
Lab File ID: 020108a
Instrument ID: 6000 ICP/MS
GC Column: NA

Analyte	Spike Added	Sample Concentration	MS Concentration	MS Recovery (%)	(1)	Acceptable Limits (%)
ANTIMONY	0.02	0.0000	0.02031	102		75-125
ARSENIC	0.02	0.0025	0.02037	90		75-125
BARIUM	0.02	0.0475	0.06773	101		75-125
BERYLLIUM	0.02	0.0023	0.01823	79		75-125
CADMIUM	0.02	0.0009	0.01886	90		75-125
CHROMIUM	0.02	0.0215	0.03816	83		75-125
COPPER	0.02	0.0349	0.04627	57	*	75-125
LEAD	0.02	0.0187	0.03786	96		75-125
NICKEL	0.02	0.0267	0.04917	112		75-125
SELENIUM	0.02	0.0038	0.02036	83		75-125
SILVER	0.02	0.0000	0.01981	99		75-125
THALLIUM	0.02	0.0004	0.02172	106		75-125
VANADIUM	0.02	0.0337	0.05257	94		75-125
ZINC	0.02	0.0418	0.06221	102		75-125

Analyte	Spike Added	MSD Concentration	MS Recovery (%)	(1)	Acceptable Limits (%)	RPD (%)	(1)	Acc. Lim. (%)
ANTIMONY	0.02	0.0201	101		75-125	0.9		20
ARSENIC	0.02	0.0207	91		75-125	1.5		20
BARIUM	0.02	0.0641	83		75-125	5.5		20
BERYLLIUM	0.02	0.0187	82		75-125	2.5		20
CADMIUM	0.02	0.0186	89		75-125	1.2		20
CHROMIUM	0.02	0.0350	67	*	75-125	8.8		20
COPPER	0.02	0.0435	43	*	75-125	6.1		20
LEAD	0.02	0.0373	93		75-125	1.5		20
NICKEL	0.02	0.0427	80		75-125	14.0		20
SELENIUM	0.02	0.0200	81		75-125	1.7		20
SILVER	0.02	0.0198	99		75-125	0.0		20
THALLIUM	0.02	0.0214	105		75-125	1.5		20
VANADIUM	0.02	0.0459	61	*	75-125	13.5		20
ZINC	0.02	0.0535	58	*	75-125	15.0		20

(1) The following qualifiers are used:
* : Values outside of acceptable limits
D : Spikes diluted out

Comments: These results are not prep factor corrected.
NOTE:

2308

EVALUATION OF INORGANIC DUPLICATE ANALYSIS PRECISION

Precision Objectives		Compound >or=5xCRQL/MDL	Compound <5xCRQL
	Aqueous	RPD<or=30%	Difference < or =CRQL/MDL
	Solid	RPD<or=50%	Difference < or =2xCRQL/MDL
	Air	RPD<or=20%	Difference < or =CRQL/MDL

Sample ID:	**SB03-0506**		**FD-01**				
Laboratory ID:							
Sample Date:	**01/24/08**		**01/24/08**				
Duplicate:	**FD-01**		**SB03-0506**				
	RESULT	**QUAL**	**RESULT**	**QUAL**	**RPD**	**CRQL/MDL**	**NOTES**
PARAMETERS	**mg/Kg**		**mg/Kg**				
Aluminum	9710		12200		-22.7	8	1, IN
Antimony	0.2	J	0.1	J	NC	0.05	2, IN
Arsenic	1.2		2		-50.0	0.1	1, IN
Barium	30.6		46.8		-41.9	0.2	1, IN
Beryllium	0.5	J	0.5	J	NC	0.1	2, IN
Cadmium	0.04	U	0.05	U	NC	0.05	2, IN
Calcium	493		388		23.8	3	1, IN
Chromium	8		10.8		-29.8	0.3	1, IN
Cobalt	9.7		10.3		-6.0	0.07	1, IN
Copper	**25.5**		**14.7**		**53.7**	**0.2**	**1, J**
Iron	22700		23100		-1.7	2	1, IN
Lead	6.3		6.5		-3.1	0.2	1, IN
Magnesium	**11200**		**4740**		**81.1**	**1**	**1, J**
Manganese	320		404		-23.2	0.2	1, IN
Mercury	0.02	U	0.02	U	NC	0.02	2, IN
Nickel	18.2		19.8		-8.4	0.04	1, IN
Potassium	3160		2080		41.2	10	1, IN
Selenium	0.1	U	0.1	U	NC	0.1	2, IN
Silver	0.1	J	0.1	J	NC	0.07	2, IN
Sodium	15	J	16	J	NC	6	2, IN
Thallium	0.2	J	0.2	J	NC	0.07	2, IN
Vanadium	14.1		15.6		-10.1	0.1	1, IN
Zinc	21.5		18.9		12.9	0.3	1, IN

NOTES

1 - When both results are > or = 5xCRQL/MDL, the acceptance limit is the relative percent difference must be < or = 30% for aqueous and air samples and must be < 50% for solid samples.

2 - When at least one of the results is < 5x CRQL/MDL, the acceptance limit is the difference between the results must be < or = CRQL/MDL for aqueous and air samples and < or = 2xCRQL/MDL for solid samples.

Q - The qualifier is entered to indicate if the anlayte was not detected or qualitatively questionable in the sample.

U - the compound was not detected in the sample at or above the associated numerical value.

NC - The RPD was not calculated because one of the results was not detected; the acceptance limit used is the difference between the results must be < or = CRQL/MDL for aqueous and air samples and < or = 2xCRQL/MDL for solid samples.

J - The positive results should be considered estimated.

B - The result should be considered non-detected or qualitatively questionable due to blank contamination.

IN - The results are acceptable.

COMMENTS

~~Barium and iron~~ are qualified as estimated due to field duplicate precision.

Copper and Mg

JHC 3/6/08

TETRA TECH NUS

PHIL- 21961

TO:	DON WHALEN	DATE:	MARCH 7, 2008
FROM:	MEGAN RITCHIE	COPIES:	FILE

SUBJECT: ORGANIC DATA VALIDATION – VOC AND SVOC
NMCRC READING MOTOR T GARAGE, READING, PENNSYLVANIA
SDG NO. TCK-001

SAMPLES: 11/Solid/

MTG-SB01-0304	MTG-SB03-0506	MTG-SB04-2223	MTG-FD-01
MTG-SB02-0607	MTG-SB03-1011	MTG-SB05-1011	
MTG-SB02-0304	MTG-SB04-1112	MTG-SB05-2223	

2/Aqueous/

RB-012408	TB-012408

OVERVIEW

The sample set for the NMCRC Reading Motor T Garage in Reading, Pennsylvania, SDG TCK-001 consists of 10 solid environmental samples (designated MTG-SB- and MTG-FD-), and two field QC blanks (designated RB- and TB-). One matrix spike sample (MTG-SB05-1011) was designated for this sample set. One field duplicate pair (MTG-SB03-0506 and MTG-FD-01) was included in this sample set. All samples were analyzed for Volatile Organic Compounds (VOCs) and Semivolatile Organic Compounds (SVOCs) except the trip blank. The trip blank was analyzed for VOCs only.

The samples were collected by Tetra Tech NUS on January 24, 2008 and analyzed by Analytical Laboratory Services, Inc. (ALSI) of Middletown, Pennsylvania.

All analyses were conducted using EPA SW-846 Methods. VOCs were analyzed by 8260 and SVOCs by 8270C. The polycyclic aromatic hydrocarbons (PAHs) in the field rinsate blank were analyzed by the 8270C Selective Ion Monitoring (SIM) method.

SUMMARY

Most analytes were successfully analyzed in all samples. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, GC/MS tuning and calibration data, laboratory and field quality control blank results, system monitoring compound recoveries, matrix spike/matrix spike duplicate results, laboratory control spike results, internal standards performance, compound identification, compound quantitation, and field duplicate results.

MAJOR PROBLEMS

- The initial calibration relative response factors (RRF) for acetone and 2-butanone were below the quality control (QC) limit of 0.05. The non-detected results for these compounds were qualified as unusable (R).

MINOR PROBLEMS

- The initial calibration relative response factors (RRF) for acetone and 2-butanone were below the quality control (QC) limit of 0.05. The positive results for these compounds were qualified as estimated (J).
- The internal standard area performances were below the lower QC limit for internal standards 1,4-dichlorobenzene-d4 for samples MTG-SB04-2223 and MTG-SB05-1011. The samples were reanalyzed with the same internal standard area performances below the lower limit. The original sample runs reported. The compounds associated with these internal standards were qualified as estimated (J/UJ).
- The field duplicate precision criterion was exceeded for trichloroethene. The absolute difference of the trichloroethene results in the field duplicate pair (MTG-SB03-0506 and MTG-FD-01) was greater than two times the MDL. The results were qualified as estimated (J).
- Positive results at concentrations less than the reporting limits (RLs) were qualified as estimated (J).

Notes

Volatiles

The continuing calibration percent difference (%D) for 1,2-dibromo-3-chloropropane, 2-hexanone, and 4-methyl-2-pentanone exceeded the QC criteria of 25%. No qualifications were made because there were no positive detections of these analytes in the associated samples.

The aqueous continuing calibration %D for tetrachloroethene exceeded the QC criteria of 25%. No qualifications were made because there were no positive detections of tetrachloroethene in the associated field QC blanks.

MS/MSD recoveries for chlorobenzene, 1,1,2-trichloroethane, and styrene were below the lower QC limits in the MS/MSD analyses. MS/MSD recoveries of trichlorofluoromethane, chloromethane, Freon 113, and dichlorodifluoromethane exceeded the QC limits. No qualifications were made on the MS/MSD alone.

M&p-xylene was detected in the trip blank. No action was taken because there were no positive detections of m&p-xylene in the associated samples.

M&p-xylene and methylcyclohexane were detected in the aqueous method blank. No action was taken because the associated samples were field QC blanks.

Semivolatiles

The SVOC data were acceptable as reported by the laboratory.

EXECUTIVE SUMMARY

Laboratory Performance: Two compounds had RRFs below the QC criteria for the VOC initial calibrations. Four VOC compounds exceeded the continuing calibration %D criteria. Two compounds were detected in the aqueous method blank. Two samples had an internal standard performance below QC criteria.

Other Factors Affecting Data Quality: One compound was detected in the trip blank. The MS/MSD recoveries for several VOC compounds were outside QC criteria. One compound exceeded field duplicate precision criteria.

The data for these analyses were reviewed with reference to the Tetra Tech NUS Standard Operating Procedure DV-02 (8/01) "Data Validation for Non-CLP Organics for Solid Matrices" and EPA "Functional Guidelines for Organic Data Review", as amended for use within EPA Region 3 (9/94).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPjP)."

Megan N. Ritchie
Chemist

Tetra Tech NUS, Inc.
Russell Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Laboratory Analytical Results
3. Appendix C – Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-FD-01
samp_date	1/24/2008
lab_id	9720605010
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	MTG-SB03-0506

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.2	U	
1,1,2,2-TETRACHLOROETHANE	2.2	U	
1,1,2-TRICHLOROETHANE	2.2	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.2	U	
1,1-DICHLOROETHANE	2.2	U	
1,1-DICHLOROETHENE	2.2	U	
1,2,3-TRICHLOROBENZENE	5.4	U	
1,2,4-TRICHLOROBENZENE	5.4	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.3	U	
1,2-DIBROMOETHANE	2.2	U	
1,2-DICHLOROBENZENE	2.2	U	
1,2-DICHLOROETHANE	2.2	U	
1,2-DICHLOROPROPANE	2.2	U	
1,3-DICHLOROBENZENE	2.2	U	
1,4-DICHLOROBENZENE	2.2	U	
2-BUTANONE	10.8	UR	C
2-HEXANONE	10.8	U	
4-METHYL-2-PENTANONE	10.8	U	
ACETONE	20.1	J	CP
BENZENE	2.2	U	
BROMOCHLOROMETHANE	2.2	U	
BROMODICHLOROMETHANE	2.2	U	
BROMOFORM	2.2	U	
BROMOMETHANE	4.3	U	
CARBON DISULFIDE	2.2	U	
CARBON TETRACHLORIDE	2.2	U	
CHLOROBENZENE	2.2	U	
CHLORODIBROMOMETHANE	2.2	U	
CHLOROETHANE	2.2	U	
CHLOROFORM	2.2	U	
CHLOROMETHANE	2.2	U	
CIS-1,2-DICHLOROETHENE	2.2	U	

nsample	MTG-FD-01
samp_date	1/24/2008
lab_id	9720605010
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	MTG-SB03-0506

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.2	U	
CYCLOHEXANE	2.2	U	
DICHLORODIFLUOROMETHANE	2.2	U	
ETHYLBENZENE	2.2	U	
ISOPROPYLBENZENE	2.2	U	
M+P-XYLENES	4.3	U	
METHYL ACETATE	2.2	U	
METHYL CYCLOHEXANE	2.2	U	
METHYL TERT-BUTYL ETHER	2.2	U	
METHYLENE CHLORIDE	1	J	P
O-XYLENE	2.2	U	
STYRENE	2.2	U	
TETRACHLOROETHENE	2.2	U	
TOLUENE	2.2	U	
TRANS-1,2-DICHLOROETHENE	2.2	U	
TRANS-1,3-DICHLOROPROPENE	2.2	U	
TRICHLOROETHENE	4.3	J	G
TRICHLOROFLUOROMETHANE	2.2	U	
VINYL CHLORIDE	2.2	U	

nsample	MTG-SB01-0304
samp_date	1/24/2008
lab_id	9720605001
qc_type	NM
units	UG/KG
Pct_Solids	76.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.3	U	
1,1,2,2-TETRACHLOROETHANE	2.3	U	
1,1,2-TRICHLOROETHANE	2.3	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.3	U	
1,1-DICHLOROETHANE	2.3	U	
1,1-DICHLOROETHENE	2.3	U	
1,2,3-TRICHLOROBENZENE	5.8	U	
1,2,4-TRICHLOROBENZENE	5.8	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.6	U	
1,2-DIBROMOETHANE	2.3	U	
1,2-DICHLOROBENZENE	2.3	U	
1,2-DICHLOROETHANE	2.3	U	
1,2-DICHLOROPROPANE	2.3	U	
1,3-DICHLOROBENZENE	2.3	U	
1,4-DICHLOROBENZENE	2.3	U	
2-BUTANONE	18.2	J	C
2-HEXANONE	11.5	U	
4-METHYL-2-PENTANONE	11.5	U	
ACETONE	158	J	C
BENZENE	2.3	U	
BROMOCHLOROMETHANE	2.3	U	
BROMODICHLOROMETHANE	2.3	U	
BROMOFORM	2.3	U	
BROMOMETHANE	4.6	U	
CARBON DISULFIDE	2.3	U	
CARBON TETRACHLORIDE	2.3	U	
CHLOROBENZENE	2.3	U	
CHLORODIBROMOMETHANE	2.3	U	
CHLOROETHANE	2.3	U	
CHLOROFORM	2.3	U	
CHLOROMETHANE	2.3	U	
CIS-1,2-DICHLOROETHENE	2.3	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB01-0304
samp_date	1/24/2008
lab_id	9720605001
qc_type	NM
units	UG/KG
Pct_Solids	76.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.3	U	
CYCLOHEXANE	2.3	U	
DICHLORODIFLUOROMETHANE	2.3	U	
ETHYLBENZENE	2.3	U	
ISOPROPYLBENZENE	2.3	U	
M+P-XYLENES	4.6	U	
METHYL ACETATE	2.3	U	
METHYL CYCLOHEXANE	2.3	U	
METHYL TERT-BUTYL ETHER	2.3	U	
METHYLENE CHLORIDE	4.1		
O-XYLENE	2.3	U	
STYRENE	2.3	U	
TETRACHLOROETHENE	2.3	U	
TOLUENE	2.3	U	
TRANS-1,2-DICHLOROETHENE	2.3	U	
TRANS-1,3-DICHLOROPROPENE	2.3	U	
TRICHLOROETHENE	15.9		
TRICHLOROFLUOROMETHANE	2.3	U	
VINYL CHLORIDE	2.3	U	

nsample	MTG-SB02-0304
samp_date	1/24/2008
lab_id	9720605003
qc_type	NM
units	UG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.4	U	
1,1,2,2-TETRACHLOROETHANE	2.4	U	
1,1,2-TRICHLOROETHANE	2.4	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.4	U	
1,1-DICHLOROETHANE	2.4	U	
1,1-DICHLOROETHENE	2.4	U	
1,2,3-TRICHLOROBENZENE	6.1	U	
1,2,4-TRICHLOROBENZENE	6.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.9	U	
1,2-DIBROMOETHANE	2.4	U	
1,2-DICHLOROBENZENE	2.4	U	
1,2-DICHLOROETHANE	2.4	U	
1,2-DICHLOROPROPANE	2.4	U	
1,3-DICHLOROBENZENE	2.4	U	
1,4-DICHLOROBENZENE	2.4	U	
2-BUTANONE	12.2	UR	C
2-HEXANONE	12.2	U	
4-METHYL-2-PENTANONE	12.2	U	
ACETONE	40.7	J	C
BENZENE	2.4	U	
BROMOCHLOROMETHANE	2.4	U	
BROMODICHLOROMETHANE	2.4	U	
BROMOFORM	2.4	U	
BROMOMETHANE	4.9	U	
CARBON DISULFIDE	2.4	U	
CARBON TETRACHLORIDE	2.4	U	
CHLOROBENZENE	2.4	U	
CHLORODIBROMOMETHANE	2.4	U	
CHLOROETHANE	2.4	U	
CHLOROFORM	2.4	U	
CHLOROMETHANE	2.4	U	
CIS-1,2-DICHLOROETHENE	2.4	U	

nsample	MTG-SB02-0304
samp_date	1/24/2008
lab_id	9720605003
qc_type	NM
units	UG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.4	U	
CYCLOHEXANE	2.4	U	
DICHLORODIFLUOROMETHANE	2.4	U	
ETHYLBENZENE	2.4	U	
ISOPROPYLBENZENE	2.4	U	
M+P-XYLENES	4.9	U	
METHYL ACETATE	2.4	U	
METHYL CYCLOHEXANE	2.4	U	
METHYL TERT-BUTYL ETHER	2.4	U	
METHYLENE CHLORIDE	7		
O-XYLENE	2.4	U	
STYRENE	2.4	U	
TETRACHLOROETHENE	2.4	U	
TOLUENE	2.4	U	
TRANS-1,2-DICHLOROETHENE	2.4	U	
TRANS-1,3-DICHLOROPROPENE	2.4	U	
TRICHLOROETHENE	9.9		
TRICHLOROFLUOROMETHANE	2.4	U	
VINYL CHLORIDE	2.4	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB02-0607
samp_date	1/24/2008
lab_id	9720605002
qc_type	NM
units	UG/KG
Pct_Solids	82.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.7	U	
1,1,2,2-TETRACHLOROETHANE	2.7	U	
1,1,2-TRICHLOROETHANE	2.7	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.7	U	
1,1-DICHLOROETHANE	2.7	U	
1,1-DICHLOROETHENE	2.7	U	
1,2,3-TRICHLOROBENZENE	6.7	U	
1,2,4-TRICHLOROBENZENE	6.7	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.3	U	
1,2-DIBROMOETHANE	2.7	U	
1,2-DICHLOROBENZENE	2.7	U	
1,2-DICHLOROETHANE	2.7	U	
1,2-DICHLOROPROPANE	2.7	U	
1,3-DICHLOROBENZENE	2.7	U	
1,4-DICHLOROBENZENE	2.7	U	
2-BUTANONE	13.4	UR	C
2-HEXANONE	13.4	U	
4-METHYL-2-PENTANONE	13.4	U	
ACETONE	26.3	J	CP
BENZENE	2.7	U	
BROMOCHLOROMETHANE	2.7	U	
BROMODICHLOROMETHANE	2.7	U	
BROMOFORM	2.7	U	
BROMOMETHANE	5.3	U	
CARBON DISULFIDE	2.7	U	
CARBON TETRACHLORIDE	2.7	U	
CHLOROBENZENE	2.7	U	
CHLORODIBROMOMETHANE	2.7	U	
CHLOROETHANE	2.7	U	
CHLOROFORM	2.7	U	
CHLOROMETHANE	2.7	U	
CIS-1,2-DICHLOROETHENE	2.7	U	

nsample	MTG-SB02-0607
samp_date	1/24/2008
lab_id	9720605002
qc_type	NM
units	UG/KG
Pct_Solids	82.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.7	U	
CYCLOHEXANE	2.7	U	
DICHLORODIFLUOROMETHANE	2.7	U	
ETHYLBENZENE	2.7	U	
ISOPROPYLBENZENE	2.7	U	
M+P-XYLENES	5.3	U	
METHYL ACETATE	2.7	U	
METHYL CYCLOHEXANE	2.7	U	
METHYL TERT-BUTYL ETHER	2.7	U	
METHYLENE CHLORIDE	2.4	J	P
O-XYLENE	2.7	U	
STYRENE	2.7	U	
TETRACHLOROETHENE	2.7	U	
TOLUENE	2.7	U	
TRANS-1,2-DICHLOROETHENE	2.7	U	
TRANS-1,3-DICHLOROPROPENE	2.7	U	
TRICHLOROETHENE	4.4		
TRICHLOROFLUOROMETHANE	2.7	U	
VINYL CHLORIDE	2.7	U	

nsample	MTG-SB03-0506
samp_date	1/24/2008
lab_id	9720605004
qc_type	NM
units	UG/KG
Pct_Solids	82.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.1	U	
1,1,2,2-TETRACHLOROETHANE	2.1	U	
1,1,2-TRICHLOROETHANE	2.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.1	U	
1,1-DICHLOROETHANE	2.1	U	
1,1-DICHLOROETHENE	2.1	U	
1,2,3-TRICHLOROBENZENE	5.2	U	
1,2,4-TRICHLOROBENZENE	5.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.2	U	
1,2-DIBROMOETHANE	2.1	U	
1,2-DICHLOROBENZENE	2.1	U	
1,2-DICHLOROETHANE	2.1	U	
1,2-DICHLOROPROPANE	2.1	U	
1,3-DICHLOROBENZENE	2.1	U	
1,4-DICHLOROBENZENE	2.1	U	
2-BUTANONE	10.5	UR	C
2-HEXANONE	10.5	U	
4-METHYL-2-PENTANONE	10.5	U	
ACETONE	20.3	J	CP
BENZENE	2.1	U	
BROMOCHLOROMETHANE	2.1	U	
BROMODICHLOROMETHANE	2.1	U	
BROMOFORM	2.1	U	
BROMOMETHANE	4.2	U	
CARBON DISULFIDE	2.1	U	
CARBON TETRACHLORIDE	2.1	U	
CHLOROBENZENE	2.1	U	
CHLORODIBROMOMETHANE	2.1	U	
CHLOROETHANE	2.1	U	
CHLOROFORM	2.1	U	
CHLOROMETHANE	2.1	U	
CIS-1,2-DICHLOROETHENE	2.1	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB03-0506
samp_date	1/24/2008
lab_id	9720605004
qc_type	NM
units	UG/KG
Pct_Solids	82.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.1	U	
CYCLOHEXANE	2.1	U	
DICHLORODIFLUOROMETHANE	2.1	U	
ETHYLBENZENE	2.1	U	
ISOPROPYLBENZENE	2.1	U	
M+P-XYLENES	4.2	U	
METHYL ACETATE	2.1	U	
METHYL CYCLOHEXANE	2.1	U	
METHYL TERT-BUTYL ETHER	2.1	U	
METHYLENE CHLORIDE	3.8		
O-XYLENE	2.1	U	
STYRENE	2.1	U	
TETRACHLOROETHENE	2.1	U	
TOLUENE	2.1	U	
TRANS-1,2-DICHLOROETHENE	2.1	U	
TRANS-1,3-DICHLOROPROPENE	2.1	U	
TRICHLOROETHENE	12.4	J	G
TRICHLOROFLUOROMETHANE	2.1	U	
VINYL CHLORIDE	2.1	U	

nsample	MTG-SB03-1011
samp_date	1/24/2008
lab_id	9720605005
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.4	U	
1,1,2,2-TETRACHLOROETHANE	2.4	U	
1,1,2-TRICHLOROETHANE	2.4	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.4	U	
1,1-DICHLOROETHANE	2.4	U	
1,1-DICHLOROETHENE	2.4	U	
1,2,3-TRICHLOROBENZENE	6.1	U	
1,2,4-TRICHLOROBENZENE	6.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.9	U	
1,2-DIBROMOETHANE	2.4	U	
1,2-DICHLOROBENZENE	2.4	U	
1,2-DICHLOROETHANE	2.4	U	
1,2-DICHLOROPROPANE	2.4	U	
1,3-DICHLOROBENZENE	2.4	U	
1,4-DICHLOROBENZENE	2.4	U	
2-BUTANONE	12.2	UR	C
2-HEXANONE	12.2	U	
4-METHYL-2-PENTANONE	12.2	U	
ACETONE	25.1	J	CP
BENZENE	2.4	U	
BROMOCHLOROMETHANE	2.4	U	
BROMODICHLOROMETHANE	2.4	U	
BROMOFORM	2.4	U	
BROMOMETHANE	4.9	U	
CARBON DISULFIDE	2.4	U	
CARBON TETRACHLORIDE	2.4	U	
CHLOROBENZENE	2.4	U	
CHLORODIBROMOMETHANE	2.4	U	
CHLOROETHANE	2.4	U	
CHLOROFORM	2.4	U	
CHLOROMETHANE	2.4	U	
CIS-1,2-DICHLOROETHENE	2.4	U	

nsample	MTG-SB03-1011
samp_date	1/24/2008
lab_id	9720605005
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.4	U	
CYCLOHEXANE	2.4	U	
DICHLORODIFLUOROMETHANE	2.4	U	
ETHYLBENZENE	2.4	U	
ISOPROPYLBENZENE	2.4	U	
M+P-XYLENES	4.9	U	
METHYL ACETATE	2.4	U	
METHYL CYCLOHEXANE	2.4	U	
METHYL TERT-BUTYL ETHER	2.4	U	
METHYLENE CHLORIDE	2.4	U	
O-XYLENE	2.4	U	
STYRENE	2.4	U	
TETRACHLOROETHENE	2.4	U	
TOLUENE	2.4	U	
TRANS-1,2-DICHLOROETHENE	2.4	U	
TRANS-1,3-DICHLOROPROPENE	2.4	U	
TRICHLOROETHENE	4.3		
TRICHLOROFLUOROMETHANE	2.4	U	
VINYL CHLORIDE	2.4	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB04-1112
samp_date	1/24/2008
lab_id	9720605006
qc_type	NM
units	UG/KG
Pct_Solids	82.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.4	U	
1,1,2,2-TETRACHLOROETHANE	2.4	U	
1,1,2-TRICHLOROETHANE	2.4	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.4	U	
1,1-DICHLOROETHANE	2.4	U	
1,1-DICHLOROETHENE	2.4	U	
1,2,3-TRICHLOROBENZENE	6	U	
1,2,4-TRICHLOROBENZENE	6	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.8	U	
1,2-DIBROMOETHANE	2.4	U	
1,2-DICHLOROBENZENE	2.4	U	
1,2-DICHLOROETHANE	2.4	U	
1,2-DICHLOROPROPANE	2.4	U	
1,3-DICHLOROBENZENE	2.4	U	
1,4-DICHLOROBENZENE	2.4	U	
2-BUTANONE	12.1	UR	C
2-HEXANONE	12.1	U	
4-METHYL-2-PENTANONE	12.1	U	
ACETONE	13.1	J	CP
BENZENE	2.4	U	
BROMOCHLOROMETHANE	2.4	U	
BROMODICHLOROMETHANE	2.4	U	
BROMOFORM	2.4	U	
BROMOMETHANE	4.8	U	
CARBON DISULFIDE	2.4	U	
CARBON TETRACHLORIDE	2.4	U	
CHLOROBENZENE	2.4	U	
CHLORODIBROMOMETHANE	2.4	U	
CHLOROETHANE	2.4	U	
CHLOROFORM	2.4	U	
CHLOROMETHANE	2.4	U	
CIS-1,2-DICHLOROETHENE	2.4	U	

nsample	MTG-SB04-1112
samp_date	1/24/2008
lab_id	9720605006
qc_type	NM
units	UG/KG
Pct_Solids	82.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.4	U	
CYCLOHEXANE	2.4	U	
DICHLORODIFLUOROMETHANE	2.4	U	
ETHYLBENZENE	2.4	U	
ISOPROPYLBENZENE	2.4	U	
M+P-XYLENES	4.8	U	
METHYL ACETATE	2.4	U	
METHYL CYCLOHEXANE	2.4	U	
METHYL TERT-BUTYL ETHER	2.4	U	
METHYLENE CHLORIDE	4.8		
O-XYLENE	2.4	U	
STYRENE	2.4	U	
TETRACHLOROETHENE	2.4	U	
TOLUENE	2.4	U	
TRANS-1,2-DICHLOROETHENE	2.4	U	
TRANS-1,3-DICHLOROPROPENE	2.4	U	
TRICHLOROETHENE	25.4		
TRICHLOROFLUOROMETHANE	2.4	U	
VINYL CHLORIDE	2.4	U	

nsample	MTG-SB04-2223
samp_date	1/24/2008
lab_id	9720605007
qc_type	NM
units	UG/KG
Pct_Solids	81.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.9	U	
1,1,2,2-TETRACHLOROETHANE	2.9	U	
1,1,2-TRICHLOROETHANE	2.9	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.9	U	
1,1-DICHLOROETHANE	2.9	U	
1,1-DICHLOROETHENE	2.9	U	
1,2,3-TRICHLOROBENZENE	7.2	UJ	N
1,2,4-TRICHLOROBENZENE	7.2	UJ	N
1,2-DIBROMO-3-CHLOROPROPANE	5.7	UJ	N
1,2-DIBROMOETHANE	2.9	U	
1,2-DICHLOROBENZENE	2.9	UJ	N
1,2-DICHLOROETHANE	2.9	U	
1,2-DICHLOROPROPANE	2.9	U	
1,3-DICHLOROBENZENE	2.9	UJ	N
1,4-DICHLOROBENZENE	2.9	UJ	N
2-BUTANONE	14.3	UR	C
2-HEXANONE	14.3	U	
4-METHYL-2-PENTANONE	14.3	U	
ACETONE	21.1	J	CP
BENZENE	2.9	U	
BROMOCHLOROMETHANE	2.9	U	
BROMODICHLOROMETHANE	2.9	U	
BROMOFORM	2.9	U	
BROMOMETHANE	5.7	U	
CARBON DISULFIDE	2.9	U	
CARBON TETRACHLORIDE	2.9	U	
CHLOROBENZENE	2.9	U	
CHLORODIBROMOMETHANE	2.9	U	
CHLOROETHANE	2.9	U	
CHLOROFORM	2.9	U	
CHLOROMETHANE	2.9	U	
CIS-1,2-DICHLOROETHENE	2.9	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB04-2223
samp_date	1/24/2008
lab_id	9720605007
qc_type	NM
units	UG/KG
Pct_Solids	81.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.9	U	
CYCLOHEXANE	2.9	U	
DICHLORODIFLUOROMETHANE	2.9	U	
ETHYLBENZENE	2.9	U	
ISOPROPYLBENZENE	2.9	U	
M+P-XYLENES	5.7	U	
METHYL ACETATE	2.9	U	
METHYL CYCLOHEXANE	2.9	U	
METHYL TERT-BUTYL ETHER	2.9	U	
METHYLENE CHLORIDE	5.7		
O-XYLENE	2.9	U	
STYRENE	2.9	U	
TETRACHLOROETHENE	2.9	U	
TOLUENE	2.9	U	
TRANS-1,2-DICHLOROETHENE	2.9	U	
TRANS-1,3-DICHLOROPROPENE	2.9	U	
TRICHLOROETHENE	26		
TRICHLOROFLUOROMETHANE	2.9	U	
VINYL CHLORIDE	2.9	U	

nsample	MTG-SB05-1011
samp_date	1/24/2008
lab_id	9720605008
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.7	U	
1,1,2,2-TETRACHLOROETHANE	2.7	U	
1,1,2-TRICHLOROETHANE	2.7	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.7	U	
1,1-DICHLOROETHANE	2.7	U	
1,1-DICHLOROETHENE	2.7	U	
1,2,3-TRICHLOROBENZENE	6.7	UJ	N
1,2,4-TRICHLOROBENZENE	6.7	UJ	N
1,2-DIBROMO-3-CHLOROPROPANE	5.4	UJ	N
1,2-DIBROMOETHANE	2.7	U	
1,2-DICHLOROBENZENE	2.7	UJ	N
1,2-DICHLOROETHANE	2.7	U	
1,2-DICHLOROPROPANE	2.7	U	
1,3-DICHLOROBENZENE	2.7	UJ	N
1,4-DICHLOROBENZENE	2.7	UJ	N
2-BUTANONE	13.5	UR	C
2-HEXANONE	13.5	U	
4-METHYL-2-PENTANONE	13.5	U	
ACETONE	16.4	J	CP
BENZENE	2.7	U	
BROMOCHLOROMETHANE	2.7	U	
BROMODICHLOROMETHANE	2.7	U	
BROMOFORM	2.7	U	
BROMOMETHANE	5.4	U	
CARBON DISULFIDE	2.7	U	
CARBON TETRACHLORIDE	2.7	U	
CHLOROBENZENE	2.7	U	
CHLORODIBROMOMETHANE	2.7	U	
CHLOROETHANE	2.7	U	
CHLOROFORM	2.7	U	
CHLOROMETHANE	2.7	U	
CIS-1,2-DICHLOROETHENE	2.7	U	

nsample	MTG-SB05-1011
samp_date	1/24/2008
lab_id	9720605008
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.7	U	
CYCLOHEXANE	2.7	U	
DICHLORODIFLUOROMETHANE	2.7	U	
ETHYLBENZENE	2.7	U	
ISOPROPYLBENZENE	2.7	U	
M+P-XYLENES	5.4	U	
METHYL ACETATE	2.7	U	
METHYL CYCLOHEXANE	2.7	U	
METHYL TERT-BUTYL ETHER	2.7	U	
METHYLENE CHLORIDE	2.7	U	
O-XYLENE	2.7	U	
STYRENE	2.7	U	
TETRACHLOROETHENE	2.7	U	
TOLUENE	2.7	U	
TRANS-1,2-DICHLOROETHENE	2.7	U	
TRANS-1,3-DICHLOROPROPENE	2.7	U	
TRICHLOROETHENE	3.1		
TRICHLOROFLUOROMETHANE	2.7	U	
VINYL CHLORIDE	2.7	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OV

nsample	MTG-SB05-2223	nsample	MTG-SB05-2223
samp_date	1/24/2008	samp_date	1/24/2008
lab_id	9720605009	lab_id	9720605009
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	81.7	Pct_Solids	81.7
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.1	U	
1,1,2,2-TETRACHLOROETHANE	2.1	U	
1,1,2-TRICHLOROETHANE	2.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2.1	U	
1,1-DICHLOROETHANE	2.1	U	
1,1-DICHLOROETHENE	2.1	U	
1,2,3-TRICHLOROBENZENE	5.3	U	
1,2,4-TRICHLOROBENZENE	5.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.2	U	
1,2-DIBROMOETHANE	2.1	U	
1,2-DICHLOROBENZENE	2.1	U	
1,2-DICHLOROETHANE	2.1	U	
1,2-DICHLOROPROPANE	2.1	U	
1,3-DICHLOROBENZENE	2.1	U	
1,4-DICHLOROBENZENE	2.1	U	
2-BUTANONE	10.5	UR	C
2-HEXANONE	10.5	U	
4-METHYL-2-PENTANONE	10.5	U	
ACETONE	32.8	J	C
BENZENE	2.1	U	
BROMOCHLOROMETHANE	2.1	U	
BROMODICHLOROMETHANE	2.1	U	
BROMOFORM	2.1	U	
BROMOMETHANE	4.2	U	
CARBON DISULFIDE	2.1	U	
CARBON TETRACHLORIDE	2.1	U	
CHLOROBENZENE	2.1	U	
CHLORODIBROMOMETHANE	2.1	U	
CHLOROETHANE	2.1	U	
CHLOROFORM	2.1	U	
CHLOROMETHANE	2.1	U	
CIS-1,2-DICHLOROETHENE	2.1	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	2.1	U	
CYCLOHEXANE	2.1	U	
DICHLORODIFLUOROMETHANE	2.1	U	
ETHYLBENZENE	2.1	U	
ISOPROPYLBENZENE	2.1	U	
M+P-XYLENES	4.2	U	
METHYL ACETATE	2.1	U	
METHYL CYCLOHEXANE	2.1	U	
METHYL TERT-BUTYL ETHER	2.1	U	
METHYLENE CHLORIDE	3.5		
O-XYLENE	2.1	U	
STYRENE	2.1	U	
TETRACHLOROETHENE	2.1	U	
TOLUENE	2.1	U	
TRANS-1,2-DICHLOROETHENE	2.1	U	
TRANS-1,3-DICHLOROPROPENE	2.1	U	
TRICHLOROETHENE	20.1		
TRICHLOROFLUOROMETHANE	2.1	U	
VINYL CHLORIDE	2.1	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: WATER DATA FRACTION: OV

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROBENZENE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	7	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	1	U	
2-BUTANONE	10	UR	C
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	10	U	
BENZENE	1	U	
BROMOCHLOROMETHANE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	1	U	
CYCLOHEXANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYLBENZENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL ACETATE	2	U	
METHYL CYCLOHEXANE	1	U	
METHYL TERT-BUTYL ETHER	1	U	
METHYLENE CHLORIDE	1	U	
O-XYLENE	1	U	
STYRENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL CHLORIDE	1	U	

nsample	TB-012408
samp_date	1/24/2008
lab_id	9720605012
qc_type	TB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROBENZENE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	7	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	1	U	
2-BUTANONE	10	UR	C
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	10	U	
BENZENE	1	U	
BROMOCHLOROMETHANE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: WATER DATA FRACTION: OV

nsample	TB-012408
samp_date	1/24/2008
lab_id	9720605012
qc_type	TB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	1	U	
CYCLOHEXANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYLBENZENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	0.3	J	
METHYL ACETATE	2	U	
METHYL CYCLOHEXANE	1	U	
METHYL TERT-BUTYL ETHER	1	U	
METHYLENE CHLORIDE	1	U	
O-XYLENE	1	U	
STYRENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-FD-01	nsample	MTG-FD-01	nsample	MTG-FD-01
samp_date	1/24/2008	samp_date	1/24/2008	samp_date	1/24/2008
lab_id	9720605010	lab_id	9720605010	lab_id	9720605010
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	81.0	Pct_Solids	81.0
DUP_OF:	MTG-SB03-0506	DUP_OF:	MTG-SB03-0506	DUP_OF:	MTG-SB03-0506

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	118	U	
1,2,4,5-TETRACHLOROBENZENE	118	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	118	U	
2,3,4,6-TETRACHLOROPHENOL	317	U	
2,4,5-TRICHLOROPHENOL	317	U	
2,4,6-TRICHLOROPHENOL	317	U	
2,4-DICHLOROPHENOL	317	U	
2,4-DIMETHYLPHENOL	317	U	
2,4-DINITROPHENOL	635	U	
2,4-DINITROTOLUENE	118	U	
2,6-DINITROTOLUENE	118	U	
2-CHLORONAPHTHALENE	118	U	
2-CHLOROPHENOL	317	U	
2-METHYLNAPHTHALENE	82	U	
2-METHYLPHENOL	317	U	
2-NITROANILINE	118	U	
2-NITROPHENOL	317	U	
3&4-METHYLPHENOL	317	U	
3,3'-DICHLOROBENZIDINE	670	U	
3-NITROANILINE	317	U	
4,6-DINITRO-2-METHYLPHENOL	317	U	
4-BROMOPHENYL PHENYL ETHER	118	U	
4-CHLORO-3-METHYLPHENOL	317	U	
4-CHLOROANILINE	317	U	
4-CHLOROPHENYL PHENYL ETHER	118	U	
4-NITROANILINE	317	U	
4-NITROPHENOL	635	U	
ACENAPHTHENE	82	U	
ACENAPHTHYLENE	82	U	
ACETOPHENONE	118	U	
ANTHRACENE	82	U	
ATRAZINE	118	U	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	317	U	
BENZO(A)ANTHRACENE	82	U	
BENZO(A)PYRENE	82	U	
BENZO(B)FLUORANTHENE	82	U	
BENZO(G,H,I)PERYLENE	82	U	
BENZO(K)FLUORANTHENE	82	U	
BIS(2-CHLOROETHOXY)METHANE	118	U	
BIS(2-CHLOROETHYL)ETHER	118	U	
BIS(2-ETHYLHEXYL)PHTHALATE	118	U	
BUTYL BENZYL PHTHALATE	118	U	
CAPROLACTAM	317	U	
CARBAZOLE	118	U	
CHRYSENE	82	U	
DIBENZO(A,H)ANTHRACENE	82	U	
DIBENZOFURAN	118	U	
DIETHYL PHTHALATE	118	U	
DIMETHYL PHTHALATE	118	U	
DI-N-BUTYL PHTHALATE	118	U	
DI-N-OCTYL PHTHALATE	317	U	
FLUORANTHENE	50	J	P
FLUORENE	82	U	
HEXACHLOROBENZENE	118	U	
HEXACHLOROBUTADIENE	118	U	
HEXACHLOROCYCLOPENTADIENE	317	U	
HEXACHLOROETHANE	118	U	
INDENO(1,2,3-CD)PYRENE	82	U	
ISOPHORONE	118	U	
NAPHTHALENE	82	U	
NITROBENZENE	118	U	
N-NITROSO-DI-N-PROPYLAMINE	118	U	
N-NITROSODIPHENYLAMINE	118	U	
PENTACHLOROPHENOL	635	U	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	44	J	P
PHENOL	317	U	
PYRENE	33	J	P

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB01-0304
samp_date	1/24/2008
lab_id	9720605001
qc_type	NM
units	UG/KG
Pct_Solids	76.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	130	U	
1,2,4,5-TETRACHLOROBENZENE	130	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	130	U	
2,3,4,6-TETRACHLOROPHENOL	350	U	
2,4,5-TRICHLOROPHENOL	350	U	
2,4,6-TRICHLOROPHENOL	350	U	
2,4-DICHLOROPHENOL	350	U	
2,4-DIMETHYLPHENOL	350	U	
2,4-DINITROPHENOL	700	U	
2,4-DINITROTOLUENE	130	U	
2,6-DINITROTOLUENE	130	U	
2-CHLORONAPHTHALENE	130	U	
2-CHLOROPHENOL	350	U	
2-METHYLNAPHTHALENE	91	U	
2-METHYLPHENOL	350	U	
2-NITROANILINE	130	U	
2-NITROPHENOL	350	U	
3&4-METHYLPHENOL	350	U	
3,3'-DICHLOROBENZIDINE	739	U	
3-NITROANILINE	350	U	
4,6-DINITRO-2-METHYLPHENOL	350	U	
4-BROMOPHENYL PHENYL ETHER	130	U	
4-CHLORO-3-METHYLPHENOL	350	U	
4-CHLOROANILINE	350	U	
4-CHLOROPHENYL PHENYL ETHER	130	U	
4-NITROANILINE	350	U	
4-NITROPHENOL	700	U	
ACENAPHTHENE	91	U	
ACENAPHTHYLENE	91	U	
ACETOPHENONE	130	U	
ANTHRACENE	91	U	
ATRAZINE	130	U	

nsample	MTG-SB01-0304
samp_date	1/24/2008
lab_id	9720605001
qc_type	NM
units	UG/KG
Pct_Solids	76.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	350	U	
BENZO(A)ANTHRACENE	91	U	
BENZO(A)PYRENE	91	U	
BENZO(B)FLUORANTHENE	91	U	
BENZO(G,H,I)PERYLENE	91	U	
BENZO(K)FLUORANTHENE	91	U	
BIS(2-CHLOROETHOXY)METHANE	130	U	
BIS(2-CHLOROETHYL)ETHER	130	U	
BIS(2-ETHYLHEXYL)PHTHALATE	130	U	
BUTYL BENZYL PHTHALATE	130	U	
CAPROLACTAM	350	U	
CARBAZOLE	130	U	
CHRYSENE	91	U	
DIBENZO(A,H)ANTHRACENE	91	U	
DIBENZOFURAN	130	U	
DIETHYL PHTHALATE	130	U	
DIMETHYL PHTHALATE	130	U	
DI-N-BUTYL PHTHALATE	130	U	
DI-N-OCTYL PHTHALATE	350	U	
FLUORANTHENE	91	U	
FLUORENE	91	U	
HEXACHLOROBENZENE	130	U	
HEXACHLOROBUTADIENE	130	U	
HEXACHLOROCYCLOPENTADIENE	350	U	
HEXACHLOROETHANE	130	U	
INDENO(1,2,3-CD)PYRENE	91	U	
ISOPHORONE	130	U	
NAPHTHALENE	91	U	
NITROBENZENE	130	U	
N-NITROSO-DI-N-PROPYLAMINE	130	U	
N-NITROSODIPHENYLAMINE	130	U	
PENTACHLOROPHENOL	700	U	

nsample	MTG-SB01-0304
samp_date	1/24/2008
lab_id	9720605001
qc_type	NM
units	UG/KG
Pct_Solids	76.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	91	U	
PHENOL	350	U	
PYRENE	91	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB02-0304
samp_date	1/24/2008
lab_id	9720605003
qc_type	NM
units	UG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	123	U	
1,2,4,5-TETRACHLOROBENZENE	123	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	123	U	
2,3,4,6-TETRACHLOROPHENOL	332	U	
2,4,5-TRICHLOROPHENOL	332	U	
2,4,6-TRICHLOROPHENOL	332	U	
2,4-DICHLOROPHENOL	332	U	
2,4-DIMETHYLPHENOL	332	U	
2,4-DINITROPHENOL	663	U	
2,4-DINITROTOLUENE	123	U	
2,6-DINITROTOLUENE	123	U	
2-CHLORONAPHTHALENE	123	U	
2-CHLOROPHENOL	332	U	
2-METHYLNAPHTHALENE	86	U	
2-METHYLPHENOL	332	U	
2-NITROANILINE	123	U	
2-NITROPHENOL	332	U	
3&4-METHYLPHENOL	332	U	
3,3'-DICHLOROBENZIDINE	700	U	
3-NITROANILINE	332	U	
4,6-DINITRO-2-METHYLPHENOL	332	U	
4-BROMOPHENYL PHENYL ETHER	123	U	
4-CHLORO-3-METHYLPHENOL	332	U	
4-CHLOROANILINE	332	U	
4-CHLOROPHENYL PHENYL ETHER	123	U	
4-NITROANILINE	332	U	
4-NITROPHENOL	663	U	
ACENAPHTHENE	86	U	
ACENAPHTHYLENE	86	U	
ACETOPHENONE	123	U	
ANTHRACENE	86	U	
ATRAZINE	123	U	

nsample	MTG-SB02-0304
samp_date	1/24/2008
lab_id	9720605003
qc_type	NM
units	UG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	332	U	
BENZO(A)ANTHRACENE	86	U	
BENZO(A)PYRENE	86	U	
BENZO(B)FLUORANTHENE	86	U	
BENZO(G,H,I)PERYLENE	86	U	
BENZO(K)FLUORANTHENE	86	U	
BIS(2-CHLOROETHOXY)METHANE	123	U	
BIS(2-CHLOROETHYL)ETHER	123	U	
BIS(2-ETHYLHEXYL)PHTHALATE	123	U	
BUTYL BENZYL PHTHALATE	123	U	
CAPROLACTAM	332	U	
CARBAZOLE	123	U	
CHRYSENE	86	U	
DIBENZO(A,H)ANTHRACENE	86	U	
DIBENZOFURAN	123	U	
DIETHYL PHTHALATE	123	U	
DIMETHYL PHTHALATE	123	U	
DI-N-BUTYL PHTHALATE	123	U	
DI-N-OCTYL PHTHALATE	332	U	
FLUORANTHENE	86	U	
FLUORENE	86	U	
HEXACHLOROBENZENE	123	U	
HEXACHLOROBUTADIENE	123	U	
HEXACHLOROCYCLOPENTADIENE	332	U	
HEXACHLOROETHANE	123	U	
INDENO(1,2,3-CD)PYRENE	86	U	
ISOPHORONE	123	U	
NAPHTHALENE	86	U	
NITROBENZENE	123	U	
N-NITROSO-DI-N-PROPYLAMINE	123	U	
N-NITROSODIPHENYLAMINE	123	U	
PENTACHLOROPHENOL	663	U	

nsample	MTG-SB02-0304
samp_date	1/24/2008
lab_id	9720605003
qc_type	NM
units	UG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	86	U	
PHENOL	332	U	
PYRENE	86	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB02-0607
samp_date	1/24/2008
lab_id	9720605002
qc_type	NM
units	UG/KG
Pct_Solids	82.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	121	U	
1,2,4,5-TETRACHLOROBENZENE	121	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	121	U	
2,3,4,6-TETRACHLOROPHENOL	326	U	
2,4,5-TRICHLOROPHENOL	326	U	
2,4,6-TRICHLOROPHENOL	326	U	
2,4-DICHLOROPHENOL	326	U	
2,4-DIMETHYLPHENOL	326	U	
2,4-DINITROPHENOL	652	U	
2,4-DINITROTOLUENE	121	U	
2,6-DINITROTOLUENE	121	U	
2-CHLORONAPHTHALENE	121	U	
2-CHLOROPHENOL	326	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	326	U	
2-NITROANILINE	121	U	
2-NITROPHENOL	326	U	
3&4-METHYLPHENOL	326	U	
3,3'-DICHLOROBENZIDINE	688	U	
3-NITROANILINE	326	U	
4,6-DINITRO-2-METHYLPHENOL	326	U	
4-BROMOPHENYL PHENYL ETHER	121	U	
4-CHLORO-3-METHYLPHENOL	326	U	
4-CHLOROANILINE	326	U	
4-CHLOROPHENYL PHENYL ETHER	121	U	
4-NITROANILINE	326	U	
4-NITROPHENOL	652	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	121	U	
ANTHRACENE	84	U	
ATRAZINE	121	U	

nsample	MTG-SB02-0607
samp_date	1/24/2008
lab_id	9720605002
qc_type	NM
units	UG/KG
Pct_Solids	82.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	326	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BIS(2-CHLOROETHOXY)METHANE	121	U	
BIS(2-CHLOROETHYL)ETHER	121	U	
BIS(2-ETHYLHEXYL)PHTHALATE	121	U	
BUTYL BENZYL PHTHALATE	121	U	
CAPROLACTAM	326	U	
CARBAZOLE	121	U	
CHRYSENE	84	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	121	U	
DIETHYL PHTHALATE	121	U	
DIMETHYL PHTHALATE	121	U	
DI-N-BUTYL PHTHALATE	121	U	
DI-N-OCTYL PHTHALATE	326	U	
FLUORANTHENE	84	U	
FLUORENE	84	U	
HEXACHLOROBENZENE	121	U	
HEXACHLOROBUTADIENE	121	U	
HEXACHLOROCYCLOPENTADIENE	326	U	
HEXACHLOROETHANE	121	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISOPHORONE	121	U	
NAPHTHALENE	84	U	
NITROBENZENE	121	U	
N-NITROSO-DI-N-PROPYLAMINE	121	U	
N-NITROSODIPHENYLAMINE	121	U	
PENTACHLOROPHENOL	652	U	

nsample	MTG-SB02-0607
samp_date	1/24/2008
lab_id	9720605002
qc_type	NM
units	UG/KG
Pct_Solids	82.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	84	U	
PHENOL	326	U	
PYRENE	84	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB03-0506
samp_date	1/24/2008
lab_id	9720605004
qc_type	NM
units	UG/KG
Pct_Solids	82.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	120	U	
1,2,4,5-TETRACHLOROBENZENE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	325	U	
2,4,5-TRICHLOROPHENOL	325	U	
2,4,6-TRICHLOROPHENOL	325	U	
2,4-DICHLOROPHENOL	325	U	
2,4-DIMETHYLPHENOL	325	U	
2,4-DINITROPHENOL	650	U	
2,4-DINITROTOLUENE	120	U	
2,6-DINITROTOLUENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	325	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	325	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	325	U	
3&4-METHYLPHENOL	325	U	
3,3'-DICHLOROBENZIDINE	686	U	
3-NITROANILINE	325	U	
4,6-DINITRO-2-METHYLPHENOL	325	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	325	U	
4-CHLOROANILINE	325	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-NITROANILINE	325	U	
4-NITROPHENOL	650	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	120	U	
ANTHRACENE	84	U	
ATRAZINE	120	U	

nsample	MTG-SB03-0506
samp_date	1/24/2008
lab_id	9720605004
qc_type	NM
units	UG/KG
Pct_Solids	82.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	325	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	
CAPROLACTAM	325	U	
CARBAZOLE	120	U	
CHRYSENE	84	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	325	U	
FLUORANTHENE	52	J	P
FLUORENE	84	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	325	U	
HEXACHLOROETHANE	120	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISOPHORONE	120	U	
NAPHTHALENE	84	U	
NITROBENZENE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
PENTACHLOROPHENOL	650	U	

nsample	MTG-SB03-0506
samp_date	1/24/2008
lab_id	9720605004
qc_type	NM
units	UG/KG
Pct_Solids	82.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	51	J	P
PHENOL	325	U	
PYRENE	35	J	P

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB03-1011
samp_date	1/24/2008
lab_id	9720605005
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	120	U	
1,2,4,5-TETRACHLOROBENZENE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	325	U	
2,4,5-TRICHLOROPHENOL	325	U	
2,4,6-TRICHLOROPHENOL	325	U	
2,4-DICHLOROPHENOL	325	U	
2,4-DIMETHYLPHENOL	325	U	
2,4-DINITROPHENOL	649	U	
2,4-DINITROTOLUENE	120	U	
2,6-DINITROTOLUENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	325	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	325	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	325	U	
3&4-METHYLPHENOL	325	U	
3,3'-DICHLOROBENZIDINE	685	U	
3-NITROANILINE	325	U	
4,6-DINITRO-2-METHYLPHENOL	325	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	325	U	
4-CHLOROANILINE	325	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-NITROANILINE	325	U	
4-NITROPHENOL	649	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	120	U	
ANTHRACENE	84	U	
ATRAZINE	120	U	

nsample	MTG-SB03-1011
samp_date	1/24/2008
lab_id	9720605005
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	325	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	
CAPROLACTAM	325	U	
CARBAZOLE	120	U	
CHRYSENE	84	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	325	U	
FLUORANTHENE	84	U	
FLUORENE	84	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	325	U	
HEXACHLOROETHANE	120	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISOPHORONE	120	U	
NAPHTHALENE	84	U	
NITROBENZENE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
PENTACHLOROPHENOL	649	U	

nsample	MTG-SB03-1011
samp_date	1/24/2008
lab_id	9720605005
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	84	U	
PHENOL	325	U	
PYRENE	84	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB04-1112
samp_date	1/24/2008
lab_id	9720605006
qc_type	NM
units	UG/KG
Pct_Solids	82.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	119	U	
1,2,4,5-TETRACHLOROBENZENE	119	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	119	U	
2,3,4,6-TETRACHLOROPHENOL	323	U	
2,4,5-TRICHLOROPHENOL	323	U	
2,4,6-TRICHLOROPHENOL	323	U	
2,4-DICHLOROPHENOL	323	U	
2,4-DIMETHYLPHENOL	323	U	
2,4-DINITROPHENOL	645	U	
2,4-DINITROTOLUENE	119	U	
2,6-DINITROTOLUENE	119	U	
2-CHLORONAPHTHALENE	119	U	
2-CHLOROPHENOL	323	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	323	U	
2-NITROANILINE	119	U	
2-NITROPHENOL	323	U	
3&4-METHYLPHENOL	323	U	
3,3'-DICHLOROBENZIDINE	681	U	
3-NITROANILINE	323	U	
4,6-DINITRO-2-METHYLPHENOL	323	U	
4-BROMOPHENYL PHENYL ETHER	119	U	
4-CHLORO-3-METHYLPHENOL	323	U	
4-CHLOROANILINE	323	U	
4-CHLOROPHENYL PHENYL ETHER	119	U	
4-NITROANILINE	323	U	
4-NITROPHENOL	645	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	119	U	
ANTHRACENE	84	U	
ATRAZINE	119	U	

nsample	MTG-SB04-1112
samp_date	1/24/2008
lab_id	9720605006
qc_type	NM
units	UG/KG
Pct_Solids	82.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	323	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BIS(2-CHLOROETHOXY)METHANE	119	U	
BIS(2-CHLOROETHYL)ETHER	119	U	
BIS(2-ETHYLHEXYL)PHTHALATE	119	U	
BUTYL BENZYL PHTHALATE	119	U	
CAPROLACTAM	323	U	
CARBAZOLE	119	U	
CHRYSENE	84	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	119	U	
DIETHYL PHTHALATE	119	U	
DIMETHYL PHTHALATE	119	U	
DI-N-BUTYL PHTHALATE	119	U	
DI-N-OCTYL PHTHALATE	323	U	
FLUORANTHENE	84	U	
FLUORENE	84	U	
HEXACHLOROBENZENE	119	U	
HEXACHLOROBUTADIENE	119	U	
HEXACHLOROCYCLOPENTADIENE	323	U	
HEXACHLOROETHANE	119	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISOPHORONE	119	U	
NAPHTHALENE	84	U	
NITROBENZENE	119	U	
N-NITROSO-DI-N-PROPYLAMINE	119	U	
N-NITROSODIPHENYLAMINE	119	U	
PENTACHLOROPHENOL	645	U	

nsample	MTG-SB04-1112
samp_date	1/24/2008
lab_id	9720605006
qc_type	NM
units	UG/KG
Pct_Solids	82.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	84	U	
PHENOL	323	U	
PYRENE	84	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB04-2223
samp_date	1/24/2008
lab_id	9720605007
qc_type	NM
units	UG/KG
Pct_Solids	81.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	121	U	
1,2,4,5-TETRACHLOROBENZENE	121	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	121	U	
2,3,4,6-TETRACHLOROPHENOL	327	U	
2,4,5-TRICHLOROPHENOL	327	U	
2,4,6-TRICHLOROPHENOL	327	U	
2,4-DICHLOROPHENOL	327	U	
2,4-DIMETHYLPHENOL	327	U	
2,4-DINITROPHENOL	653	U	
2,4-DINITROTOLUENE	121	U	
2,6-DINITROTOLUENE	121	U	
2-CHLORONAPHTHALENE	121	U	
2-CHLOROPHENOL	327	U	
2-METHYLNAPHTHALENE	85	U	
2-METHYLPHENOL	327	U	
2-NITROANILINE	121	U	
2-NITROPHENOL	327	U	
3&4-METHYLPHENOL	327	U	
3,3'-DICHLOROBENZIDINE	689	U	
3-NITROANILINE	327	U	
4,6-DINITRO-2-METHYLPHENOL	327	U	
4-BROMOPHENYL PHENYL ETHER	121	U	
4-CHLORO-3-METHYLPHENOL	327	U	
4-CHLOROANILINE	327	U	
4-CHLOROPHENYL PHENYL ETHER	121	U	
4-NITROANILINE	327	U	
4-NITROPHENOL	653	U	
ACENAPHTHENE	85	U	
ACENAPHTHYLENE	85	U	
ACETOPHENONE	121	U	
ANTHRACENE	85	U	
ATRAZINE	121	U	

nsample	MTG-SB04-2223
samp_date	1/24/2008
lab_id	9720605007
qc_type	NM
units	UG/KG
Pct_Solids	81.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	327	U	
BENZO(A)ANTHRACENE	85	U	
BENZO(A)PYRENE	85	U	
BENZO(B)FLUORANTHENE	85	U	
BENZO(G,H,I)PERYLENE	85	U	
BENZO(K)FLUORANTHENE	85	U	
BIS(2-CHLOROETHOXY)METHANE	121	U	
BIS(2-CHLOROETHYL)ETHER	121	U	
BIS(2-ETHYLHEXYL)PHTHALATE	121	U	
BUTYL BENZYL PHTHALATE	121	U	
CAPROLACTAM	327	U	
CARBAZOLE	121	U	
CHRYSENE	85	U	
DIBENZO(A,H)ANTHRACENE	85	U	
DIBENZOFURAN	121	U	
DIETHYL PHTHALATE	121	U	
DIMETHYL PHTHALATE	121	U	
DI-N-BUTYL PHTHALATE	121	U	
DI-N-OCTYL PHTHALATE	327	U	
FLUORANTHENE	85	U	
FLUORENE	85	U	
HEXACHLOROBENZENE	121	U	
HEXACHLOROBUTADIENE	121	U	
HEXACHLOROCYCLOPENTADIENE	327	U	
HEXACHLOROETHANE	121	U	
INDENO(1,2,3-CD)PYRENE	85	U	
ISOPHORONE	121	U	
NAPHTHALENE	85	U	
NITROBENZENE	121	U	
N-NITROSO-DI-N-PROPYLAMINE	121	U	
N-NITROSODIPHENYLAMINE	121	U	
PENTACHLOROPHENOL	653	U	

nsample	MTG-SB04-2223
samp_date	1/24/2008
lab_id	9720605007
qc_type	NM
units	UG/KG
Pct_Solids	81.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	85	U	
PHENOL	327	U	
PYRENE	85	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB05-1011
samp_date	1/24/2008
lab_id	9720605008
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	116	U	
1,2,4,5-TETRACHLOROBENZENE	116	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	116	U	
2,3,4,6-TETRACHLOROPHENOL	312	U	
2,4,5-TRICHLOROPHENOL	312	U	
2,4,6-TRICHLOROPHENOL	312	U	
2,4-DICHLOROPHENOL	312	U	
2,4-DIMETHYLPHENOL	312	U	
2,4-DINITROPHENOL	624	U	
2,4-DINITROTOLUENE	116	U	
2,6-DINITROTOLUENE	116	U	
2-CHLORONAPHTHALENE	116	U	
2-CHLOROPHENOL	312	U	
2-METHYLNAPHTHALENE	81	U	
2-METHYLPHENOL	312	U	
2-NITROANILINE	116	U	
2-NITROPHENOL	312	U	
3&4-METHYLPHENOL	312	U	
3,3'-DICHLOROBENZIDINE	659	U	
3-NITROANILINE	312	U	
4,6-DINITRO-2-METHYLPHENOL	312	U	
4-BROMOPHENYL PHENYL ETHER	116	U	
4-CHLORO-3-METHYLPHENOL	312	U	
4-CHLOROANILINE	312	U	
4-CHLOROPHENYL PHENYL ETHER	116	U	
4-NITROANILINE	312	U	
4-NITROPHENOL	624	U	
ACENAPHTHENE	81	U	
ACENAPHTHYLENE	81	U	
ACETOPHENONE	116	U	
ANTHRACENE	81	U	
ATRAZINE	116	U	

nsample	MTG-SB05-1011
samp_date	1/24/2008
lab_id	9720605008
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	312	U	
BENZO(A)ANTHRACENE	81	U	
BENZO(A)PYRENE	81	U	
BENZO(B)FLUORANTHENE	81	U	
BENZO(G,H,I)PERYLENE	81	U	
BENZO(K)FLUORANTHENE	81	U	
BIS(2-CHLOROETHOXY)METHANE	116	U	
BIS(2-CHLOROETHYL)ETHER	116	U	
BIS(2-ETHYLHEXYL)PHTHALATE	116	U	
BUTYL BENZYL PHTHALATE	116	U	
CAPROLACTAM	312	U	
CARBAZOLE	116	U	
CHRYSENE	81	U	
DIBENZO(A,H)ANTHRACENE	81	U	
DIBENZOFURAN	116	U	
DIETHYL PHTHALATE	116	U	
DIMETHYL PHTHALATE	116	U	
DI-N-BUTYL PHTHALATE	116	U	
DI-N-OCTYL PHTHALATE	312	U	
FLUORANTHENE	81	U	
FLUORENE	81	U	
HEXACHLOROBENZENE	116	U	
HEXACHLOROBUTADIENE	116	U	
HEXACHLOROCYCLOPENTADIENE	312	U	
HEXACHLOROETHANE	116	U	
INDENO(1,2,3-CD)PYRENE	81	U	
ISOPHORONE	116	U	
NAPHTHALENE	81	U	
NITROBENZENE	116	U	
N-NITROSO-DI-N-PROPYLAMINE	116	U	
N-NITROSODIPHENYLAMINE	116	U	
PENTACHLOROPHENOL	624	U	

nsample	MTG-SB05-1011
samp_date	1/24/2008
lab_id	9720605008
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	81	U	
PHENOL	312	U	
PYRENE	81	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: SOIL DATA FRACTION: OS

nsample	MTG-SB05-2223
samp_date	1/24/2008
lab_id	9720605009
qc_type	NM
units	UG/KG
Pct_Solids	81.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	120	U	
1,2,4,5-TETRACHLOROBENZENE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	325	U	
2,4,5-TRICHLOROPHENOL	325	U	
2,4,6-TRICHLOROPHENOL	325	U	
2,4-DICHLOROPHENOL	325	U	
2,4-DIMETHYLPHENOL	325	U	
2,4-DINITROPHENOL	650	U	
2,4-DINITROTOLUENE	120	U	
2,6-DINITROTOLUENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	325	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	325	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	325	U	
3&4-METHYLPHENOL	325	U	
3,3'-DICHLOROBENZIDINE	687	U	
3-NITROANILINE	325	U	
4,6-DINITRO-2-METHYLPHENOL	325	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	325	U	
4-CHLOROANILINE	325	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-NITROANILINE	325	U	
4-NITROPHENOL	650	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	120	U	
ANTHRACENE	84	U	
ATRAZINE	120	U	

nsample	MTG-SB05-2223
samp_date	1/24/2008
lab_id	9720605009
qc_type	NM
units	UG/KG
Pct_Solids	81.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	325	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	
CAPROLACTAM	325	U	
CARBAZOLE	120	U	
CHRYSENE	84	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	325	U	
FLUORANTHENE	84	U	
FLUORENE	84	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	325	U	
HEXACHLOROETHANE	120	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISOPHORONE	120	U	
NAPHTHALENE	84	U	
NITROBENZENE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
PENTACHLOROPHENOL	650	U	

nsample	MTG-SB05-2223
samp_date	1/24/2008
lab_id	9720605009
qc_type	NM
units	UG/KG
Pct_Solids	81.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	84	U	
PHENOL	325	U	
PYRENE	84	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: WATER DATA FRACTION: OS

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	7.9	U	
1,2,4,5-TETRACHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	4	U	
2,3,4,6-TETRACHLOROPHENOL	8.9	U	
2,4,5-TRICHLOROPHENOL	8.9	U	
2,4,6-TRICHLOROPHENOL	7.9	U	
2,4-DICHLOROPHENOL	7.9	U	
2,4-DIMETHYLPHENOL	7.9	U	
2,4-DINITROPHENOL	7.9	U	
2,4-DINITROTOLUENE	3	U	
2,6-DINITROTOLUENE	7.9	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	7.9	U	
2-METHYLNAPHTHALENE	3	U	
2-METHYLPHENOL	7.9	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	7.9	U	
3&4-METHYLPHENOL	7.9	U	
3,3'-DICHLOROBENZIDINE	7.9	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	7.9	U	
4-BROMOPHENYL PHENYL ETHER	3	U	
4-CHLORO-3-METHYLPHENOL	7.9	U	
4-CHLOROANILINE	3	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	3	U	
4-NITROPHENOL	7.9	U	
ACETOPHENONE	7.9	U	
ATRAZINE	7.9	U	
BENZALDEHYDE	7.9	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	
BIS(2-CHLOROETHYL)ETHER	3	U	

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BIS(2-ETHYLHEXYL)PHTHALATE	3	U	
BUTYL BENZYL PHTHALATE	3	U	
CAPROLACTAM	7.9	U	
CARBAZOLE	3	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	7.9	U	
DIMETHYL PHTHALATE	7.9	U	
DI-N-BUTYL PHTHALATE	3	U	
DI-N-OCTYL PHTHALATE	7.9	U	
HEXACHLOROBENZENE	3	U	
HEXACHLOROBUTADIENE	3	U	
HEXACHLOROCYCLOPENTADIENE	7.9	U	
HEXACHLOROETHANE	3	U	
ISOPHORONE	3	U	
NITROBENZENE	3	U	
N-NITROSO-DI-N-PROPYLAMINE	4	U	
N-NITROSODIPHENYLAMINE	3	U	
PENTACHLOROPHENOL	7.9	U	
PHENOL	7.9	U	

PROJ_NO: 01073

SDG: TCK-001 MEDIA: WATER DATA FRACTION: PAH

nsample	RB-012408
samp_date	1/24/2008
lab_id	9720605011
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	0.1	U	
ACENAPHTHYLENE	0.1	U	
ANTHRACENE	0.1	U	
BENZO(A)ANTHRACENE	0.1	U	
BENZO(A)PYRENE	0.1	U	
BENZO(B)FLUORANTHENE	0.1	U	
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.1	U	
DIBENZO(A,H)ANTHRACENE	0.07	U	
FLUORANTHENE	0.1	U	
FLUORENE	0.1	U	
INDENO(1,2,3-CD)PYRENE	0.1	U	
NAPHTHALENE	0.1	U	
PHENANTHRENE	0.1	U	
PYRENE	0.1	U	

Data Qualifier Key:

B	- Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	- Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).
K	- Positive result is considered biased high due to exceedance of technical quality control criteria.
L	- Positive result is considered biased low due to exceedance of technical quality control criteria.
R	- Value is considered unusable due to exceedance of technical quality control criteria.
U	- Value is a non-detected result as reported by the laboratory.
UJ	- Non-detected result is considered estimated due to exceedances of technical quality control criteria.
UL	- Non-detected result is considered biased low due to exceedance of technical quality control criteria.
UR	- Non-detected result is considered unusable due to exceedances of technical quality control criteria.

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)

APPENDIX B

Results as Reported by the Laboratory

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605001** Date Collected: 1/24/2008 11:40 Matrix: Solid
Sample ID: **MTG-SB01-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	158	ug/kg		28.9	9	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Benzene	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Bromochloromethane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Bromodichloromethane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Bromoform	ND	ug/kg		2.3	1	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Bromomethane	ND	ug/kg		4.6	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
2-Butanone	18.2	ug/kg		11.5	2	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Carbon Disulfide	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Chlorobenzene	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Chlorodibromomethane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Chloroethane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Chloroform	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Chloromethane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Cyclohexane	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.6	1	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.3	0.8	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.3	0.7	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.3	0.7	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Ethylbenzene	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Freon 113	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
2-Hexanone	ND	ug/kg		11.5	0.9	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Isopropylbenzene	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Methyl acetate	ND	ug/kg		2.3	0.8	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Methyl cyclohexane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		11.5	1	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Methylene Chloride	4.1	ug/kg	2	2.3	0.8	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Styrene	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Tetrachloroethene	ND	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Toluene	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		5.8	2	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		5.8	2	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B

0043

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605001** Date Collected: 1/24/2008 11:40 Matrix: Solid
Sample ID: **MTG-SB01-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.3	0.9	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Trichloroethene	15.9	ug/kg		2.3	0.6	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.3	0.5	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Vinyl Chloride	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
o-Xylene	ND	ug/kg		2.3	0.3	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
mp-Xylene	ND	ug/kg		4.6	1	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	96	%		56-124	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
4-Bromofluorobenzene (S)	90	%		51-128	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Dibromofluoromethane (S)	98	%		62-123	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B
Toluene-d8 (S)	89	%		59-131	8260/5035	1/25/08	ECR	2/6/08 23:46	ECR	B

SEMIVOLATILES

Acenaphthene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Acenaphthylene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Acetophenone	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Anthracene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Atrazine	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzaldehyde	ND	ug/kg		350	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzo(a)anthracene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzo(a)pyrene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Biphenyl	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Butylbenzylphthalate	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Caprolactam	ND	ug/kg		350	60	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Carbazole	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Chloroaniline	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Chloronaphthalene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Chlorophenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Chrysene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
mp-Cresol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
o-Cresol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Dibenzofuran	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		739	200	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605001** Date Collected: 1/24/2008 11:40 Matrix: Solid
Sample ID: **MTG-SB01-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		350	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Diethylphthalate	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Dimethylphthalate	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		700	90	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Fluoranthene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Fluorene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Hexachlorobenzene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Hexachlorobutadiene	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		350	90	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Hexachloroethane	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Isophorone	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		350	90	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Methylnaphthalene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Naphthalene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Nitroaniline	ND	ug/kg		130	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
3-Nitroaniline	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Nitroaniline	ND	ug/kg		350	40	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Nitrobenzene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Nitrophenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
4-Nitrophenol	ND	ug/kg		700	90	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Pentachlorophenol	ND	ug/kg		700	60	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Phenanthrene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Phenol	ND	ug/kg		350	50	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Pyrene	ND	ug/kg		91	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		130	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		350	90	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		350	30	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	75	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Phenol-d5 (S)	74	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Terphenyl-d14 (S)	69	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
Nitrobenzene-d5 (S)	77	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Fluorobiphenyl (S)	76	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2
2-Fluorophenol (S)	76	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 06:35	DHF	E2

WET CHEMISTRY

Moisture	23.6	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E
Total Solids	76.4	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E

0045

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605002** Date Collected: 1/24/2008 12:00 Matrix: Solid
Sample ID: **MTG-SB02-0607** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	26.3J	ug/kg		33.4	10	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Benzene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Bromochloromethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Bromodichloromethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Bromoform	ND	ug/kg		2.7	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Bromomethane	ND	ug/kg		5.3	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
2-Butanone	ND	ug/kg		13.4	3	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Carbon Disulfide	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Chlorobenzene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Chlorodibromomethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Chloroethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Chloroform	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Chloromethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Cyclohexane	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	5.3	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.7	0.8	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.7	0.8	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Ethylbenzene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Freon 113	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
2-Hexanone	ND	ug/kg		13.4	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Isopropylbenzene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Methyl acetate	ND	ug/kg		2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Methyl cyclohexane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		13.4	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Methylene Chloride	2.4J	ug/kg	2	2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Styrene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Tetrachloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Toluene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		6.7	2	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		6.7	2	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B

0047

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605002** Date Collected: 1/24/2008 12:00 Matrix: Solid
Sample ID: **MTG-SB02-0607** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.7	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Trichloroethene	4.4	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Vinyl Chloride	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
o-Xylene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
mp-Xylene	ND	ug/kg		5.3	1	8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	101	%		56-124		8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Dibromofluoromethane (S)	101	%		62-123		8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
Toluene-d8 (S)	88	%		59-131		8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
4-Bromofluorobenzene (S)	87	%		51-128		8260/5035	1/25/08	ECR	2/7/08 00:17	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Acenaphthylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Acetophenone	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Atrazine	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzaldehyde	ND	ug/kg		326	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzo(a)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzo(a)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Biphenyl	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Butylbenzylphthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Caprolactam	ND	ug/kg		326	60	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Carbazole	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Chloroaniline	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Chloronaphthalene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Chlorophenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Chrysene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
mp-Cresol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
o-Cresol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Dibenzofuran	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		688	200	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2

0048

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605002** Date Collected: 1/24/2008 12:00 Matrix: Solid
Sample ID: **MTG-SB02-0607** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		326	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Diethylphthalate	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Dimethylphthalate	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		652	80	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Fluorene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Hexachlorobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Hexachlorobutadiene	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		326	80	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Hexachloroethane	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Isophorone	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		326	80	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Methylnaphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Naphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Nitroaniline	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
3-Nitroaniline	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Nitroaniline	ND	ug/kg		326	40	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Nitrobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Nitrophenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
4-Nitrophenol	ND	ug/kg		652	80	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Pentachlorophenol	ND	ug/kg		652	60	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Phenanthrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Phenol	ND	ug/kg		326	50	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		326	80	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		326	20	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	70	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Terphenyl-d14 (S)	70	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Phenol-d5 (S)	74	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Fluorobiphenyl (S)	74	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
Nitrobenzene-d5 (S)	76	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2
2-Fluorophenol (S)	74	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 07:24	DHF	E2

WET CHEMISTRY

Moisture	17.4	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E
Total Solids	82.6	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E

0049

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605003** Date Collected: 1/24/2008 12:05 Matrix: Solid
Sample ID: **MTG-SB02-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	40.7	ug/kg		30.4	10	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Benzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Bromochloromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Bromodichloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Bromoform	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Bromomethane	ND	ug/kg		4.9	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
2-Butanone	ND	ug/kg		12.2	2	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Carbon Disulfide	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Chlorobenzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Chlorodibromomethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Chloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Chloroform	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Chloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Cyclohexane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.9	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Ethylbenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Freon 113	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
2-Hexanone	ND	ug/kg		12.2	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Isopropylbenzene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Methyl acetate	ND	ug/kg		2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Methyl cyclohexane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		12.2	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Methylene Chloride	7.0	ug/kg	2	2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Styrene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Tetrachloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Toluene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		6.1	2	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		6.1	2	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B

0051

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605003** Date Collected: 1/24/2008 12:05 Matrix: Solid
Sample ID: **MTG-SB02-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Trichloroethene	9.9	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Vinyl Chloride	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
o-Xylene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
mp-Xylene	ND	ug/kg		4.9	1	8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	100	%		56-124		8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Dibromofluoromethane (S)	96	%		62-123		8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
Toluene-d8 (S)	85	%		59-131		8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
4-Bromofluorobenzene (S)	83	%		51-128		8260/5035	1/25/08	ECR	2/7/08 00:49	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Acenaphthylene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Acetophenone	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Anthracene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Atrazine	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzaldehyde	ND	ug/kg		332	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzo(a)anthracene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzo(a)pyrene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Biphenyl	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Butylbenzylphthalate	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Caprolactam	ND	ug/kg		332	60	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Carbazole	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Chloroaniline	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Chloronaphthalene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Chlorophenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Chrysene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
mp-Cresol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
o-Cresol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Dibenzofuran	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		700	200	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2

0052

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605003** Date Collected: 1/24/2008 12:05 Matrix: Solid
Sample ID: **MTG-SB02-0304** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		332	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Diethylphthalate	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Dimethylphthalate	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		663	90	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Fluoranthene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Fluorene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Hexachlorobenzene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Hexachlorobutadiene	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		332	90	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Hexachloroethane	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Isophorone	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		332	90	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Methylnaphthalene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Naphthalene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Nitroaniline	ND	ug/kg		123	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
3-Nitroaniline	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Nitroaniline	ND	ug/kg		332	40	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Nitrobenzene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Nitrophenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
4-Nitrophenol	ND	ug/kg		663	90	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Pentachlorophenol	ND	ug/kg		663	60	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Phenanthrene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Phenol	ND	ug/kg		332	50	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Pyrene	ND	ug/kg		86	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		123	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		332	90	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		332	20	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	80	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Terphenyl-d14 (S)	73	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Phenol-d5 (S)	79	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Fluorobiphenyl (S)	81	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
Nitrobenzene-d5 (S)	84	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2
2-Fluorophenol (S)	80	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 08:15	DHF	E2

WET CHEMISTRY

Moisture	19.4	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	80.6	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

0053

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605004** Date Collected: 1/24/2008 12:30 Matrix: Solid

Sample ID: **MTG-SB03-0506** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	20.3J	ug/kg		26.2	8	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Benzene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Bromochloromethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Bromodichloromethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Bromoform	ND	ug/kg		2.1	1	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Bromomethane	ND	ug/kg		4.2	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
2-Butanone	ND	ug/kg		10.5	2	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Carbon Disulfide	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Chlorobenzene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Chlorodibromomethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Chloroethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Chloroform	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Chloromethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Cyclohexane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.2	1	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.1	0.6	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.1	0.6	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Ethylbenzene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Freon 113	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
2-Hexanone	ND	ug/kg		10.5	0.8	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Isopropylbenzene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Methyl acetate	ND	ug/kg		2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Methyl cyclohexane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		10.5	1	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Methylene Chloride	3.8	ug/kg	2	2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Styrene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Tetrachloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Toluene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		5.2	2	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		5.2	2	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605004** Date Collected: 1/24/2008 12:30 Matrix: Solid
Sample ID: **MTG-SB03-0506** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.1	0.8	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Trichloroethene	12.4	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Vinyl Chloride	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
o-Xylene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
mp-Xylene	ND	ug/kg		4.2	1	8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	106	%		56-124		8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Toluene-d8 (S)	89	%		59-131		8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
4-Bromofluorobenzene (S)	85	%		51-128		8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
Dibromofluoromethane (S)	103	%		62-123		8260/5035	1/25/08	ECR	2/7/08 01:20	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Acenaphthylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Acetophenone	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Atrazine	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzaldehyde	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzo(a)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzo(a)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Biphenyl	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Butylbenzylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Caprolactam	ND	ug/kg		325	60	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Carbazole	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Chloroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Chloronaphthalene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Chlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Chrysene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
mp-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
o-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Dibenzofuran	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		686	200	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605004** Date Collected: 1/24/2008 12:30 Matrix: Solid
Sample ID: **MTG-SB03-0506** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Diethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Dimethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		650	80	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Fluoranthene	52J	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Fluorene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Hexachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Hexachlorobutadiene	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Hexachloroethane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Isophorone	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Methylnaphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Naphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Nitroaniline	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
3-Nitroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Nitroaniline	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Nitrobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Nitrophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
4-Nitrophenol	ND	ug/kg		650	80	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Pentachlorophenol	ND	ug/kg		650	60	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Phenanthrene	51J	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Phenol	ND	ug/kg		325	50	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Pyrene	35J	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	75	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Terphenyl-d14 (S)	72	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Fluorobiphenyl (S)	81	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Nitrobenzene-d5 (S)	84	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
Phenol-d5 (S)	80	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2
2-Fluorophenol (S)	79	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 09:05	DHF	E2

WET CHEMISTRY

Moisture	17.2	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	82.8	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

0057

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605005** Date Collected: 1/24/2008 12:45 Matrix: Solid

Sample ID: **MTG-SB03-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	25.1J	ug/kg		30.6	10	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Benzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Bromochloromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Bromodichloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Bromoform	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Bromomethane	ND	ug/kg		4.9	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
2-Butanone	ND	ug/kg		12.2	2	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Carbon Disulfide	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Chlorobenzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Chlorodibromomethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Chloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Chloroform	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Chloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Cyclohexane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.9	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Ethylbenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Freon 113	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
2-Hexanone	ND	ug/kg		12.2	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Isopropylbenzene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Methyl acetate	ND	ug/kg		2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Methyl cyclohexane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		12.2	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Methylene Chloride	ND	ug/kg	2	2.4	0.9	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Styrene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Tetrachloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Toluene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		6.1	2	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		6.1	2	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605005** Date Collected: 1/24/2008 12:45 Matrix: Solid
Sample ID: **MTG-SB03-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Trichloroethene	4.3	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Vinyl Chloride	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
o-Xylene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
mp-Xylene	ND	ug/kg		4.9	1	8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	107	%		56-124		8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Toluene-d8 (S)	85	%		59-131		8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
4-Bromofluorobenzene (S)	91	%		51-128		8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
Dibromofluoromethane (S)	105	%		62-123		8260/5035	1/25/08	ECR	2/7/08 01:52	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Acenaphthylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Acetophenone	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Atrazine	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzaldehyde	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzo(a)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzo(a)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Biphenyl	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Butylbenzylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Caprolactam	ND	ug/kg		325	60	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Carbazole	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Chloroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Chloronaphthalene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Chlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Chrysene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
mp-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
o-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Dibenzofuran	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		685	200	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2

0060

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605005** Date Collected: 1/24/2008 12:45 Matrix: Solid
Sample ID: **MTG-SB03-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Diethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Dimethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		649	80	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Fluorene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Hexachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Hexachlorobutadiene	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Hexachloroethane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Isophorone	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Methylnaphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Naphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Nitroaniline	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
3-Nitroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Nitroaniline	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Nitrobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Nitrophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
4-Nitrophenol	ND	ug/kg		649	80	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Pentachlorophenol	ND	ug/kg		649	60	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Phenanthrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Phenol	ND	ug/kg		325	50	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	67	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Fluorobiphenyl (S)	70	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
2-Fluorophenol (S)	70	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Nitrobenzene-d5 (S)	75	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Phenol-d5 (S)	70	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2
Terphenyl-d14 (S)	65	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 09:55	DHF	E2

WET CHEMISTRY

Moisture	18.2	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E
Total Solids	81.8	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605006** Date Collected: 1/24/2008 13:25 Matrix: Solid
Sample ID: **MTG-SB04-1112** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	13.1J	ug/kg		30.2	10	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Benzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Bromochloromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Bromodichloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Bromoform	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Bromomethane	ND	ug/kg		4.8	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
2-Butanone	ND	ug/kg		12.1	2	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Carbon Disulfide	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Chlorobenzene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Chlorodibromomethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Chloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Chloroform	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Chloromethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Cyclohexane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.8	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.4	0.8	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.4	0.7	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Ethylbenzene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Freon 113	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
2-Hexanone	ND	ug/kg		12.1	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Isopropylbenzene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Methyl acetate	ND	ug/kg		2.4	0.8	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Methyl cyclohexane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		12.1	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Methylene Chloride	4.8	ug/kg	2	2.4	0.8	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Styrene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Tetrachloroethene	ND	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Toluene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		6.0	2	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		6.0	2	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605006** Date Collected: 1/24/2008 13:25 Matrix: Solid
Sample ID: **MTG-SB04-1112** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.4	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Trichloroethene	25.4	ug/kg		2.4	0.6	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.4	0.5	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Vinyl Chloride	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
o-Xylene	ND	ug/kg		2.4	0.4	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
mp-Xylene	ND	ug/kg		4.8	1	8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	106	%		56-124		8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Dibromofluoromethane (S)	107	%		62-123		8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
Toluene-d8 (S)	85	%		59-131		8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
4-Bromofluorobenzene (S)	94	%		51-128		8260/5035	1/25/08	ECR	2/7/08 02:24	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Acenaphthylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Acetophenone	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Atrazine	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzaldehyde	ND	ug/kg		323	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzo(a)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzo(a)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Biphenyl	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Butylbenzylphthalate	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Caprolactam	ND	ug/kg		323	60	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Carbazole	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Chloroaniline	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Chloronaphthalene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Chlorophenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Chrysene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
mp-Cresol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
o-Cresol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Dibenzofuran	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		681	200	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2

0064

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605006** Date Collected: 1/24/2008 13:25 Matrix: Solid
Sample ID: **MTG-SB04-1112** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		323	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Diethylphthalate	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Dimethylphthalate	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		645	80	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Fluorene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Hexachlorobenzene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Hexachlorobutadiene	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		323	80	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Hexachloroethane	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Isophorone	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		323	80	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Methylnaphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Naphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Nitroaniline	ND	ug/kg		119	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
3-Nitroaniline	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Nitroaniline	ND	ug/kg		323	40	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Nitrobenzene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Nitrophenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
4-Nitrophenol	ND	ug/kg		645	80	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Pentachlorophenol	ND	ug/kg		645	60	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Phenanthrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Phenol	ND	ug/kg		323	50	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		119	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		323	80	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		323	20	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	74	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Terphenyl-d14 (S)	72	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Phenol-d5 (S)	76	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Fluorobiphenyl (S)	79	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
Nitrobenzene-d5 (S)	83	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2
2-Fluorophenol (S)	75	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 13:02	DHF	E2

WET CHEMISTRY

Moisture	17.1	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	82.9	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

0065

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605007** Date Collected: 1/24/2008 13:35 Matrix: Solid
Sample ID: **MTG-SB04-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	21.1J	ug/kg		35.9	10	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Benzene	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Bromochloromethane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Bromodichloromethane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Bromoform	ND	ug/kg		2.9	2	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Bromomethane	ND	ug/kg		5.7	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
2-Butanone	ND	ug/kg		14.3	3	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Carbon Disulfide	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Chlorobenzene	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Chlorodibromomethane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Chloroethane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Chloroform	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Chloromethane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Cyclohexane	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	5.7	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.9	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.9	0.9	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.9	0.9	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Ethylbenzene	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Freon 113	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
2-Hexanone	ND	ug/kg		14.3	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Isopropylbenzene	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Methyl acetate	ND	ug/kg		2.9	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Methyl cyclohexane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		14.3	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Methylene Chloride	5.7	ug/kg	2	2.9	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Styrene	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Tetrachloroethene	ND	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Toluene	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		7.2	2	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		7.2	2	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B

0067

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605007** Date Collected: 1/24/2008 13:35 Matrix: Solid
Sample ID: **MTG-SB04-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.9	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Trichloroethene	26.0	ug/kg		2.9	0.7	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.9	0.6	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Vinyl Chloride	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
o-Xylene	ND	ug/kg		2.9	0.4	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
mp-Xylene	ND	ug/kg		5.7	1	8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	108	%		56-124		8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Toluene-d8 (S)	84	%		59-131		8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
4-Bromofluorobenzene (S)	91	%		51-128		8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
Dibromofluoromethane (S)	106	%		62-123		8260/5035	1/25/08	ECR	2/7/08 02:56	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Acenaphthylene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Acetophenone	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Anthracene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Atrazine	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzaldehyde	ND	ug/kg		327	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzo(a)anthracene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzo(a)pyrene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Biphenyl	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Butylbenzylphthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Caprolactam	ND	ug/kg		327	60	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Carbazole	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Chloroaniline	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Chloronaphthalene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Chlorophenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Chrysene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
mp-Cresol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
o-Cresol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Dibenzofuran	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		689	200	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605007** Date Collected: 1/24/2008 13:35 Matrix: Solid
Sample ID: **MTG-SB04-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		327	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Diethylphthalate	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Dimethylphthalate	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		653	80	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Fluoranthene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Fluorene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Hexachlorobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Hexachlorobutadiene	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		327	80	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Hexachloroethane	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Isophorone	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		327	80	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Methylnaphthalene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Naphthalene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Nitroaniline	ND	ug/kg		121	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
3-Nitroaniline	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Nitroaniline	ND	ug/kg		327	40	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Nitrobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Nitrophenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
4-Nitrophenol	ND	ug/kg		653	80	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Pentachlorophenol	ND	ug/kg		653	60	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Phenanthrene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Phenol	ND	ug/kg		327	50	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Pyrene	ND	ug/kg		85	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		121	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		327	80	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		327	20	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	74	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Terphenyl-d14 (S)	74	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Fluorobiphenyl (S)	83	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Nitrobenzene-d5 (S)	86	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
Phenol-d5 (S)	77	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2
2-Fluorophenol (S)	77	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 13:52	DHF	E2

WET CHEMISTRY

Moisture	18.9	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	81.1	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

6900

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605008** Date Collected: 1/24/2008 14:20 Matrix: Solid
Sample ID: **MTG-SB05-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	16.4J	ug/kg		33.6	10	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Benzene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Bromochloromethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Bromodichloromethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Bromoform	ND	ug/kg		2.7	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Bromomethane	ND	ug/kg		5.4	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
2-Butanone	ND	ug/kg		13.5	3	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Carbon Disulfide	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Carbon Tetrachloride	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Chlorobenzene	ND	ug/kg	4	2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Chlorodibromomethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Chloroethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Chloroform	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Chloromethane	ND	ug/kg	5	2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Cyclohexane	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	5.4	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2-Dibromoethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2-Dichlorobenzene	ND	ug/kg		2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,3-Dichlorobenzene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,4-Dichlorobenzene	ND	ug/kg		2.7	0.8	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Dichlorodifluoromethane	ND	ug/kg	5	2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,1-Dichloroethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2-Dichloroethane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,1-Dichloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
cis-1,2-Dichloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
trans-1,2-Dichloroethene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2-Dichloropropane	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
cis-1,3-Dichloropropene	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
trans-1,3-Dichloropropene	ND	ug/kg		2.7	0.8	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Ethylbenzene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Freon 113	ND	ug/kg	5	2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
2-Hexanone	ND	ug/kg		13.5	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Isopropylbenzene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Methyl acetate	ND	ug/kg		2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Methyl cyclohexane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Methyl t-Butyl Ether	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		13.5	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Methylene Chloride	ND	ug/kg	2	2.7	0.9	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Styrene	ND	ug/kg	6	2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Tetrachloroethene	ND	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Toluene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2,3-Trichlorobenzene	ND	ug/kg		6.7	2	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,2,4-Trichlorobenzene	ND	ug/kg		6.7	2	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F

0071

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605008** Date Collected: 1/24/2008 14:20 Matrix: Solid
Sample ID: **MTG-SB05-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
1,1,2-Trichloroethane	ND	ug/kg	4	2.7	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Trichloroethene	3.1	ug/kg		2.7	0.7	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Trichlorofluoromethane	ND	ug/kg	7	2.7	0.5	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Vinyl Chloride	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
o-Xylene	ND	ug/kg		2.7	0.4	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
mp-Xylene	ND	ug/kg		5.4	1	8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	112	%		56-124		8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Dibromofluoromethane (S)	108	%		62-123		8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
Toluene-d8 (S)	92	%		59-131		8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
4-Bromofluorobenzene (S)	95	%		51-128		8260/5035	1/25/08	ECR	2/7/08 03:27	ECR	F
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Acenaphthylene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Acetophenone	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Anthracene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Atrazine	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzaldehyde	ND	ug/kg		312	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzo(a)anthracene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzo(a)pyrene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Biphenyl	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Butylbenzylphthalate	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Caprolactam	ND	ug/kg		312	60	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Carbazole	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Chloroaniline	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Chloronaphthalene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Chlorophenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Chrysene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
mp-Cresol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
o-Cresol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Dibenzofuran	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		659	200	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605008** Date Collected: 1/24/2008 14:20 Matrix: Solid
Sample ID: **MTG-SB05-1011** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		312	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Diethylphthalate	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Dimethylphthalate	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		624	80	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Fluoranthene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Fluorene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Hexachlorobenzene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Hexachlorobutadiene	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		312	80	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Hexachloroethane	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Isophorone	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		312	80	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Methylnaphthalene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Naphthalene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Nitroaniline	ND	ug/kg		116	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
3-Nitroaniline	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Nitroaniline	ND	ug/kg		312	30	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Nitrobenzene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Nitrophenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
4-Nitrophenol	ND	ug/kg		624	80	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Pentachlorophenol	ND	ug/kg		624	60	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Phenanthrene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Phenol	ND	ug/kg		312	50	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Pyrene	ND	ug/kg		81	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		116	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		312	80	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		312	20	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Terphenyl-d14 (S)	74	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Phenol-d5 (S)	81	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Fluorobiphenyl (S)	81	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
Nitrobenzene-d5 (S)	84	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2
2-Fluorophenol (S)	80	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 15:35	DHF	E2

WET CHEMISTRY

Moisture	13.8	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E
Total Solids	86.2	%		0.1	0.1	SM20-2540 G			1/28/08 05:35	KMW	E

0073

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605009** Date Collected: 1/24/2008 14:40 Matrix: Solid

Sample ID: **MTG-SB05-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	32.8	ug/kg		26.3	8	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Benzene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Bromochloromethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Bromodichloromethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Bromoform	ND	ug/kg		2.1	1	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Bromomethane	ND	ug/kg		4.2	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
2-Butanone	ND	ug/kg		10.5	2	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Carbon Disulfide	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Chlorobenzene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Chlorodibromomethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Chloroethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Chloroform	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Chloromethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Cyclohexane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.2	1	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.1	0.6	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.1	0.6	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Ethylbenzene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Freon 113	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
2-Hexanone	ND	ug/kg		10.5	0.8	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Isopropylbenzene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Methyl acetate	ND	ug/kg		2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Methyl cyclohexane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		10.5	1	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Methylene Chloride	3.5	ug/kg	2	2.1	0.7	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Styrene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Tetrachloroethene	ND	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Toluene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		5.3	2	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		5.3	2	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B

0075

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605009** Date Collected: 1/24/2008 14:40 Matrix: Solid
Sample ID: **MTG-SB05-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.1	0.8	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Trichloroethene	20.1	ug/kg		2.1	0.5	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.1	0.4	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Vinyl Chloride	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
o-Xylene	ND	ug/kg		2.1	0.3	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
mp-Xylene	ND	ug/kg		4.2	1	8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	102	%		56-124		8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Dibromofluoromethane (S)	105	%		62-123		8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
Toluene-d8 (S)	85	%		59-131		8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
4-Bromofluorobenzene (S)	84	%		51-128		8260/5035	1/25/08	ECR	2/7/08 05:34	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Acenaphthylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Acetophenone	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Atrazine	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzaldehyde	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzo(a)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzo(a)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Biphenyl	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Butylbenzylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Caprolactam	ND	ug/kg		325	60	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Carbazole	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Chloroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Chloronaphthalene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Chlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Chrysene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
mp-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
o-Cresol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Dibenzofuran	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		687	200	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605009** Date Collected: 1/24/2008 14:40 Matrix: Solid
Sample ID: **MTG-SB05-2223** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Diethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Dimethylphthalate	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		650	80	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Fluoranthene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Fluorene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Hexachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Hexachlorobutadiene	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Hexachloroethane	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Isophorone	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Methylnaphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Naphthalene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Nitroaniline	ND	ug/kg		120	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
3-Nitroaniline	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Nitroaniline	ND	ug/kg		325	40	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Nitrobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Nitrophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
4-Nitrophenol	ND	ug/kg		650	80	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Pentachlorophenol	ND	ug/kg		650	60	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Phenanthrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Phenol	ND	ug/kg		325	50	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Pyrene	ND	ug/kg		84	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		120	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		325	80	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		325	20	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Terphenyl-d14 (S)	70	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Phenol-d5 (S)	77	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Fluorobiphenyl (S)	76	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
Nitrobenzene-d5 (S)	82	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2
2-Fluorophenol (S)	78	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 18:06	DHF	E2

WET CHEMISTRY

Moisture	18.3	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	81.7	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

0077

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605010** Date Collected: 1/24/2008 00:00 Matrix: Solid
Sample ID: **MTG-FD-01** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	20.1J	ug/kg		26.9	9	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Benzene	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Bromochloromethane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Bromodichloromethane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Bromoform	ND	ug/kg		2.2	1	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Bromomethane	ND	ug/kg		4.3	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
2-Butanone	ND	ug/kg		10.8	2	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Carbon Disulfide	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Carbon Tetrachloride	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Chlorobenzene	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Chlorodibromomethane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Chloroethane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Chloroform	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Chloromethane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Cyclohexane	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2-Dibromo-3-chloropropane	ND	ug/kg	1	4.3	1	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2-Dibromoethane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2-Dichlorobenzene	ND	ug/kg		2.2	0.8	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,3-Dichlorobenzene	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,4-Dichlorobenzene	ND	ug/kg		2.2	0.6	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Dichlorodifluoromethane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,1-Dichloroethane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2-Dichloroethane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,1-Dichloroethene	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
cis-1,2-Dichloroethene	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
trans-1,2-Dichloroethene	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2-Dichloropropane	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
cis-1,3-Dichloropropene	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
trans-1,3-Dichloropropene	ND	ug/kg		2.2	0.6	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Ethylbenzene	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Freon 113	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
2-Hexanone	ND	ug/kg		10.8	0.9	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Isopropylbenzene	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Methyl acetate	ND	ug/kg		2.2	0.8	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Methyl cyclohexane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Methyl t-Butyl Ether	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
4-Methyl-2-Pentanone(MIBK)	ND	ug/kg		10.8	1	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Methylene Chloride	1.0J	ug/kg	2	2.2	0.8	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Styrene	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,1,2,2-Tetrachloroethane	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Tetrachloroethene	ND	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Toluene	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2,3-Trichlorobenzene	ND	ug/kg		5.4	2	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,2,4-Trichlorobenzene	ND	ug/kg		5.4	2	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B

0079

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605010** Date Collected: 1/24/2008 00:00 Matrix: Solid
Sample ID: **MTG-FD-01** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
1,1,2-Trichloroethane	ND	ug/kg		2.2	0.9	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Trichloroethene	4.3	ug/kg		2.2	0.5	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Trichlorofluoromethane	ND	ug/kg		2.2	0.4	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Vinyl Chloride	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
o-Xylene	ND	ug/kg		2.2	0.3	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
mp-Xylene	ND	ug/kg		4.3	1	8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	106	%		56-124		8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Toluene-d8 (S)	86	%		59-131		8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
4-Bromofluorobenzene (S)	89	%		51-128		8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
Dibromofluoromethane (S)	105	%		62-123		8260/5035	1/25/08	ECR	2/7/08 06:06	ECR	B
SEMIVOLATILES											
Acenaphthene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Acenaphthylene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Acetophenone	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Anthracene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Atrazine	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzaldehyde	ND	ug/kg		317	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzo(a)anthracene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzo(a)pyrene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzo(b)fluoranthene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzo(g,h,i)perylene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Benzo(k)fluoranthene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Biphenyl	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Bromophenyl-phenylether	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Butylbenzylphthalate	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Caprolactam	ND	ug/kg		317	60	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Carbazole	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Chloro-3-methylphenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Chloroaniline	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Bis(2-Chloroethoxy)methane	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Bis(2-Chloroethyl)ether	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
bis(2-Chloroisopropyl)ether	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Chloronaphthalene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Chlorophenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Chlorophenyl-phenylether	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Chrysene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
mp-Cresol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
o-Cresol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Di-n-Butylphthalate	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Di-n-Octylphthalate	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Dibenzo(a,h)anthracene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Dibenzofuran	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
3,3-Dichlorobenzidine	ND	ug/kg		670	200	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2

0800

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605010** Date Collected: 1/24/2008 00:00 Matrix: Solid
Sample ID: **MTG-FD-01** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/kg		317	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Diethylphthalate	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,4-Dimethylphenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Dimethylphthalate	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,4-Dinitrophenol	ND	ug/kg		635	80	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,4-Dinitrotoluene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,6-Dinitrotoluene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
bis(2-Ethylhexyl)phthalate	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Fluoranthene	50J	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Fluorene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Hexachlorobenzene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Hexachlorobutadiene	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Hexachlorocyclopentadiene	ND	ug/kg		317	80	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Hexachloroethane	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Indeno(1,2,3-cd)pyrene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Isophorone	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Methyl-4,6-dinitrophenol	ND	ug/kg		317	80	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Methylnaphthalene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Naphthalene	ND	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Nitroaniline	ND	ug/kg		118	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
3-Nitroaniline	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Nitroaniline	ND	ug/kg		317	40	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Nitrobenzene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Nitrophenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
4-Nitrophenol	ND	ug/kg		635	80	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
N-Nitroso-di-n-propylamine	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
N-Nitrosodiphenylamine	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Pentachlorophenol	ND	ug/kg		635	60	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Phenanthrene	44J	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Phenol	ND	ug/kg		317	50	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Pyrene	33J	ug/kg		82	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
1,2,4,5-Tetrachlorobenzene	ND	ug/kg		118	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,3,4,6-Tetrachlorophenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,4,5-Trichlorophenol	ND	ug/kg		317	80	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2,4,6-Trichlorophenol	ND	ug/kg		317	20	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	79	%		24-130	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Terphenyl-d14 (S)	71	%		35-135	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Fluorobiphenyl (S)	77	%		40-113	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Nitrobenzene-d5 (S)	79	%		36-113	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
Phenol-d5 (S)	75	%		28-111	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2
2-Fluorophenol (S)	75	%		25-110	SW846 8270C	1/31/08	DJB	2/6/08 18:57	DHF	E2

WET CHEMISTRY

Moisture	19.0	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E
Total Solids	81.0	%		0.1	0.1	SM20-2540 G		1/28/08 05:35	KMW	E

0081

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605011** Date Collected: 1/24/2008 13:40 Matrix: Water

Sample ID: **RB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	ND	ug/L		10.0	4	SW846 8260B			2/5/08 20:13	DXN	A
Benzene	ND	ug/L		1.0	0.4	SW846 8260B			2/5/08 20:13	DXN	A
Bromochloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Bromodichloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Bromoform	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Bromomethane	ND	ug/L	2	1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
2-Butanone	ND	ug/L		10.0	3	SW846 8260B			2/5/08 20:13	DXN	A
Carbon Disulfide	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 20:13	DXN	A
Carbon Tetrachloride	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Chlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Chlorodibromomethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Chloroethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
Chloroform	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Chloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Cyclohexane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
1,2-Dibromo-3-chloropropane	ND	ug/L		7.0	2	SW846 8260B			2/5/08 20:13	DXN	A
1,2-Dibromoethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
1,2-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,3-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,4-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Dichlorodifluoromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,1-Dichloroethane	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 20:13	DXN	A
1,2-Dichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,1-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
cis-1,2-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
trans-1,2-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,2-Dichloropropane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
cis-1,3-Dichloropropene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
trans-1,3-Dichloropropene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Ethylbenzene	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
Freon 113	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
2-Hexanone	ND	ug/L		5.0	0.7	SW846 8260B			2/5/08 20:13	DXN	A
Isopropylbenzene	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 20:13	DXN	A
Methyl acetate	ND	ug/L		2.0	0.5	SW846 8260B			2/5/08 20:13	DXN	A
Methyl cyclohexane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Methyl t-Butyl Ether	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
4-Methyl-2-Pentanone(MIBK)	ND	ug/L		5.0	1	SW846 8260B			2/5/08 20:13	DXN	A
Methylene Chloride	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 20:13	DXN	A
Styrene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Tetrachloroethene	ND	ug/L		1.0	0.4	SW846 8260B			2/5/08 20:13	DXN	A
Toluene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,2,3-Trichlorobenzene	ND	ug/L		2.0	0.6	SW846 8260B			2/5/08 20:13	DXN	A
1,2,4-Trichlorobenzene	ND	ug/L		2.0	0.7	SW846 8260B			2/5/08 20:13	DXN	A

0083

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605011** Date Collected: 1/24/2008 13:40 Matrix: Water
Sample ID: **RB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
1,1,2-Trichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Trichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
Trichlorofluoromethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
Vinyl Chloride	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
o-Xylene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 20:13	DXN	A
mp-Xylene	ND	ug/L		2.0	0.3	SW846 8260B			2/5/08 20:13	DXN	A
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	100	%		62-133		SW846 8260B			2/5/08 20:13	DXN	A
Toluene-d8 (S)	90	%		76-127		SW846 8260B			2/5/08 20:13	DXN	A
4-Bromofluorobenzene (S)	86	%		79-114		SW846 8260B			2/5/08 20:13	DXN	A
Dibromofluoromethane (S)	101	%		78-116		SW846 8260B			2/5/08 20:13	DXN	A
SEMIVOLATILES											
Acenaphthene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Acenaphthylene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Acetophenone	ND	ug/L		7.9	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Anthracene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Atrazine	ND	ug/L		7.9	0.5	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Benzaldehyde	ND	ug/L		7.9	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Benzo(a)anthracene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Benzo(a)pyrene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Benzo(b)fluoranthene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Benzo(g,h,i)perylene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Benzo(k)fluoranthene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Biphenyl	ND	ug/L		7.9	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Bromophenyl-phenylether	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Butylbenzylphthalate	ND	ug/L		3.0	0.4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Caprolactam	ND	ug/L		7.9	0.4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Carbazole	ND	ug/L		3.0	0.4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Chloro-3-methylphenol	ND	ug/L		7.9	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Chloroaniline	ND	ug/L		3.0	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Bis(2-Chloroethoxy)methane	ND	ug/L		3.0	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Bis(2-Chloroethyl)ether	ND	ug/L		3.0	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
bis(2-Chloroisopropyl)ether	ND	ug/L		4.0	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Chloronaphthalene	ND	ug/L		3.0	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Chlorophenol	ND	ug/L		7.9	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Chlorophenyl-phenylether	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Chrysene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
mp-Cresol	ND	ug/L		7.9	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
o-Cresol	ND	ug/L		7.9	0.9	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Di-n-Butylphthalate	ND	ug/L		3.0	0.4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Di-n-Octylphthalate	ND	ug/L		7.9	0.4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Dibenzo(a,h)anthracene	ND	ug/L		0.07	0.07	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Dibenzofuran	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
3,3-Dichlorobenzidine	ND	ug/L		7.9	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1

0084

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605011** Date Collected: 1/24/2008 13:40 Matrix: Water

Sample ID: **RB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND	ug/L		7.9	0.9	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Diethylphthalate	ND	ug/L		7.9	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,4-Dimethylphenol	ND	ug/L		7.9	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Dimethylphthalate	ND	ug/L		7.9	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,4-Dinitrophenol	ND	ug/L		7.9	3	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,4-Dinitrotoluene	ND	ug/L		3.0	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,6-Dinitrotoluene	ND	ug/L		7.9	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
bis(2-Ethylhexyl)phthalate	ND	ug/L		3.0	0.5	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Fluoranthene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Fluorene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Hexachlorobenzene	ND	ug/L		3.0	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Hexachlorobutadiene	ND	ug/L		3.0	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Hexachlorocyclopentadiene	ND	ug/L		7.9	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Hexachloroethane	ND	ug/L		3.0	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Indeno(1,2,3-cd)pyrene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Isophorone	ND	ug/L		3.0	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Methyl-4,6-dinitrophenol	ND	ug/L		7.9	3	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Methylnaphthalene	ND	ug/L		3.0	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Naphthalene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
2-Nitroaniline	ND	ug/L		3.0	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
3-Nitroaniline	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Nitroaniline	ND	ug/L		3.0	0.5	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Nitrobenzene	ND	ug/L		3.0	1	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Nitrophenol	ND	ug/L		7.9	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
4-Nitrophenol	ND	ug/L		7.9	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
N-Nitroso-di-n-propylamine	ND	ug/L		4.0	2	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
N-Nitrosodiphenylamine	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Pentachlorophenol	ND	ug/L		7.9	3	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Phenanthrene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Phenol	ND	ug/L		7.9	0.6	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Pyrene	ND	ug/L		0.1	0.1	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
1,2,4,5-Tetrachlorobenzene	ND	ug/L		3.0	0.7	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,3,4,6-Tetrachlorophenol	ND	ug/L		8.9	4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,4,5-Trichlorophenol	ND	ug/L		8.9	4	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2,4,6-Trichlorophenol	ND	ug/L		7.9	0.8	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	70	%		40-125	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Fluorobiphenyl (S)	72	%		32-108	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
2-Fluorophenol (S)	48	%		20-70	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Terphenyl-d14 (S)	68	%		27-136	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Phenol-d5 (S)	30	%		10-49	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1
Nitrobenzene-d5 (S)	79	%		31-110	SW846 8270C	1/30/08	JWY	2/6/08 04:55	DHF	D1

Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2-Methylnapthalene-d10 (S)	75	%		17-123	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1
Fluoranthene-d10 (S)	84	%		18-150	8270 SIM	1/30/08	JWY	2/5/08 21:08	DHF	D1

0085

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605012** Date Collected: 1/24/2008 17:55 Matrix: Water
Sample ID: **TB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS											
Acetone	ND	ug/L		10.0	4	SW846 8260B			2/5/08 19:39	DXN	A
Benzene	ND	ug/L		1.0	0.4	SW846 8260B			2/5/08 19:39	DXN	A
Bromochloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Bromodichloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Bromoform	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Bromomethane	ND	ug/L	2	1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
2-Butanone	ND	ug/L		10.0	3	SW846 8260B			2/5/08 19:39	DXN	A
Carbon Disulfide	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 19:39	DXN	A
Carbon Tetrachloride	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Chlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Chlorodibromomethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Chloroethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
Chloroform	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Chloromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Cyclohexane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
1,2-Dibromo-3-chloropropane	ND	ug/L		7.0	2	SW846 8260B			2/5/08 19:39	DXN	A
1,2-Dibromoethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
1,2-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,3-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,4-Dichlorobenzene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Dichlorodifluoromethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,1-Dichloroethane	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 19:39	DXN	A
1,2-Dichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,1-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
cis-1,2-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
trans-1,2-Dichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,2-Dichloropropane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
cis-1,3-Dichloropropene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
trans-1,3-Dichloropropene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Ethylbenzene	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
Freon 113	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
2-Hexanone	ND	ug/L		5.0	0.7	SW846 8260B			2/5/08 19:39	DXN	A
Isopropylbenzene	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 19:39	DXN	A
Methyl acetate	ND	ug/L		2.0	0.5	SW846 8260B			2/5/08 19:39	DXN	A
Methyl cyclohexane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Methyl t-Butyl Ether	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
4-Methyl-2-Pentanone(MIBK)	ND	ug/L		5.0	1	SW846 8260B			2/5/08 19:39	DXN	A
Methylene Chloride	ND	ug/L		1.0	0.1	SW846 8260B			2/5/08 19:39	DXN	A
Styrene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Tetrachloroethene	ND	ug/L		1.0	0.4	SW846 8260B			2/5/08 19:39	DXN	A
Toluene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,2,3-Trichlorobenzene	ND	ug/L		2.0	0.6	SW846 8260B			2/5/08 19:39	DXN	A
1,2,4-Trichlorobenzene	ND	ug/L		2.0	0.7	SW846 8260B			2/5/08 19:39	DXN	A

0087

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ANALYTICAL RESULTS

Workorder: 9720605 TCK001|Soil Analysis Jan 2008

Lab ID: **9720605012** Date Collected: 1/24/2008 17:55 Matrix: Water

Sample ID: **TB-012408** Date Received: 1/24/2008 17:55

Parameters	Results	Units	Footnotes	RDL	MDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,1-Trichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
1,1,2-Trichloroethane	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Trichloroethene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
Trichlorofluoromethane	ND	ug/L		1.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
Vinyl Chloride	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
o-Xylene	ND	ug/L		1.0	0.2	SW846 8260B			2/5/08 19:39	DXN	A
mp-Xylene	0.30J	ug/L	11	2.0	0.3	SW846 8260B			2/5/08 19:39	DXN	A
Surrogate Recoveries	*Results*	*Units*	*Footnotes*	*Limits*		*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	100	%		62-133		SW846 8260B			2/5/08 19:39	DXN	A
4-Bromofluorobenzene (S)	84	%		79-114		SW846 8260B			2/5/08 19:39	DXN	A
Dibromofluoromethane (S)	99	%		78-116		SW846 8260B			2/5/08 19:39	DXN	A
Toluene-d8 (S)	90	%		76-127		SW846 8260B			2/5/08 19:39	DXN	A

Sample Comments:

This report was modified to add a comment to m/p-xylene. SM 2/19/08

Raymond J. Martrano
Laboratory Manager

APPENDIX C

Support Documentation

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 3
Courier:
Tracking #:
9720605

Co. Name: Tetra Tech NUS
Contact (Report to): Donald Whalen Phone: 610 491 9622
Address: 234 Mall Blvd Ste 260
King of Prussia PA 19406

Bill to (if different than Report to): PO#:

Project Name/#: MMCBC Reading ALSI Quote #:
TAT: [X] Normal-Standard TAT is 10-12 business days. Date Required:
[ ] Rush-Subject to ALSI approval and surcharges. Approved By:
Email? [ ] -Y
Fax? [ ] -Y No.

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	TCL VOC	TAL metals TCL SVOC, TS	Fab micrbiology
1	MTG-SB01-0304		1/24/08	1140		SO	3	1	
2	MTG-SB02-0004			1200		SO	3	1	
3	MTG-SB02-0304			1205		SO	3	1	
4	MTG-SB03-0506			1230		SO	3	1	
5	MTG-SB03-1011			1245		SO	3	1	
6	MTG-SB04-1112			1325		SO	3	1	
7	MTG-SB04-2223			1335		SO	3	1	
8	MTG-SB05-1011 MS/MSD for Doug Whalen only/sent			1420		SO	9	3	1

Enter Number of Containers Per Analysis

***Container Type	Eg. 1L	32 oz
***Container Size	8g	4oz
Preservative	-	-

ANALYSES/METHOD REQUESTED

Cooler Temp: 3
Therm. ID: 510355
No. of Coolers:
Notes:

	1	2	3	4	Circle appropriate Y or N.
Correct containers?	Y	Y	Y	Y	
Correct sample volume?	Y	Y	Y	Y	
Correct preservation?			Y	Y	
Headspace/Volatiles?			Y	Y	
Custody seals Present?	Y				
(If present) Seals Intact?	Y				
Received on Ice?			Y	Y	
COC/Labels complete/accurate?			Y	Y	
Container in good condition?					

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (Signature): Date 01/25/08 Time 1310
REVIEWED BY (Signature): Date 01/28/08 Time 1319

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Donald Whalen TTNUS	1/24/08	1516	2 D. Blonk ALST	1/24/08	1517
3 D. Blonk ALST	1/24/08	1755	4 [signature]	1/24/08	1755
5			6		
7			8		
9			10		

Data Deliverables: [X] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] EDD: Required? [ ] If yes, format type: Other
DOD Criteria Required?
DEP Forms? yes yes yes yes
State Samples Collected in? MD NJ NY PA
ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite **Matrix: A=Air; DW=Drinking Water; GW=Groundwater; DI=DI; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.

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Co. Name: Tyrus
Contact (Report to): Donald Whalen
Phone:
Address: 234 Mall Blvd, King of Prussia PA

Bill to (if different than Report to):
PO#:
Project Name/#: NMCBC Redevelop
ALSI Quote #:
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:
Email? [ ] -Y
Fax? [ ] -Y No.:

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	TCL VOC	TCL SVOC TAL metals, TI	TCL VOC	TCL SVOC	TAL metals
1	MTG-SB05-2223		1/24/08	1440	G	SO	3	1			
2	MTG-FD-01			0800	G	SO	3	1			
3	RB-012408			1340	G	OL			2	2	1
4	TB-012408		1/24/08	1755	G	OL			2		
5		All encores taken to		1-25							
6		GCMS for extraction		1/24/08							
7		Eric Clipka	1/24/08	1850							
8											

Container Type: Enc, Jar, G, A, P
Container Size: 5g, 40z, 40ml, 1L, 250ml
Preservative: HCl, —, HNO3

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Receipt Information (completed by lab personnel)
Received by:
Cooler Temp: 3
Therm. ID: 51023555
No. of Coolers:
Notes:

	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/bubbles?	Circle appropriate Y or N.
1	Y	Y	Y	Y	
2	Y	Y	Y	Y	
3	Y	Y	Y	Y	
4	Y	Y	Y	Y	

	Custody seals Present?	(If present) Seals intact?	Received on Ice?	COC/Labels complete/legible?	Container in good condition?
1	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (signature): [signature] Date 1/24/08 Time 1850
REVIEWED BY (signature): [signature] Date 1/28/08 Time 1317

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 [signature]	1/24/08	1516	2 D. Blanc ALST	1/24/08	1517
3 D. Blanc ALST	1/24/08	1755	4 [signature]	1/24/08	1755
5			6		
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] other
EDDs Required? [ ] If yes, format type:
SDWA Formats? yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected In? MD [ ] NJ [ ] NY [ ] PA [ ] Other
GOOD Criteria Required?

ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

*G=Grab; C=Composite **Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
***Container Type: AG-Amber Glass; CG-Clear Glass; PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCl, HNO3, NaOH, etc.
Rev 6/07

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www.analyticallab.com
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NMCRC READING CHEMICAL ANALYSES
CTO 490
TTNUS Project Manager - Mr. Don Whalen

Analytical Laboratory Services Inc.
Analytical Narrative
TCK-001

Sample Management

This report contains the results of the analysis of ten (10) soil samples and two (2) water blanks collected on January 24, 2008. Analytical results and quality control information are summarized in this data package.

Sample Receipt

Samples arrived at ALSI via courier on January 24, 2008. Upon receipt, the samples were inspected and compared to the enclosed chain of custody. All sample bottles were preserved properly. Each sample was assigned a unique identification number (see Certificates of Analysis). The sample information was entered into the computer system and the samples were released for analysis.

Volatile Organics in water by SW-846 Method 8260

Sample Handling. Two (2) water samples were analyzed by SW-846 Method 8260 for volatile organic compounds on MS05. All analyses were performed within the holding time.

Initial Calibrations. A six-point calibration was analyzed on MS05 on January 29, 2008. This calibration was used to quantitate the samples, blanks and spikes. The initial calibration met method criteria for all target analytes.

Continuing Calibration Checks. A continuing calibration check standard was analyzed on MS05 on February 5, 2008. The continuing calibration check met method criteria for all analytes.

Blanks. One method blank, identified as 437705, was analyzed with the samples and included in this deliverable group. No target analytes were detected in the method blank with the exception of mp-Xylene, which was detected at 0.61J ug/L, Total Xylenes, which were detected at 0.61J ug/L, and Methyl Cyclohexane, which was detected at 0.36J ug/L. m/p-Xylenes were detected in sample TB, at 0.30J ug/L. There were no other target analytes detected in the associated project samples.

Surrogates. A four-component surrogate mix was added to each sample, blank and spike. The samples, blanks and spikes had surrogate recoveries within QC limits.

Internal Standards. A three-component internal standard mix was added to each sample, blank and spike. The internal standards met method criteria in the samples and QC.

Spiked Blanks. One spiked blank, identified as 437706, was analyzed with the samples. All target analyte recoveries were within QC limits in the spiked blank.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

Volatile Organics by SW-846 Method 8260

Sample Handling. Ten (10) soil samples were extracted by Method 5035 upon arrival at the laboratory. The extracts were analyzed by SW-846 Method 8260 for low-level volatile organic compounds on MS07. All extractions and analyses were performed within the holding time.

Initial Calibrations. A six-point calibration was analyzed on MS07 on February 6, 2008. This calibration was used to quantitate the samples, blank and spikes. The initial calibration met method criteria for all target analytes.

Continuing Calibration Checks. A continuing calibration check standard was analyzed on MS07 on February 6, 2008. The continuing calibration check met method criteria for all target analytes.

Blanks. One method blank, identified as 438168, was analyzed with the samples and included in this deliverable group. No target analytes were detected in the method blank.

Surrogates. A four-component surrogate mix was added to each sample, blank and spike. All samples and QC had surrogate recoveries within QC limits.

Internal Standards. A three-component internal standard mix was added to each sample, blank and spike. A low internal standard recovery was observed in samples MTG-SB04-2223 (9720605007) and MTG-SB05-1011 (9720605008). Sample results were confirmed by reanalysis. The internal standards were recovered within method criteria in all other samples and associated QC.

Spiked Blanks. Two spiked blanks, identified as 438169 and 438170, were analyzed with the samples. All target analyte recoveries were within QC limits in the spiked blanks.

Matrix Spikes. A matrix spike and matrix spike duplicate, identified as 438179 and 438180, were analyzed from the project sample identified as 9720605008 (MTG-SB05-1011). Chlorobenzene, Trichloroethene, and Styrene were all recovered below QC limits in the matrix spike recovery. Trichlorofluoromethane was recovered above QC limits in the matrix spike recovery and the matrix spike dulplicate recovery. Chloromethane, Freon 113, and Dichlorodifluoromethane were all recovered above QC limits in the matrix spike duplicate recovery, and Styrene was recovered below QC limits in the matrix spike duplicate recovery. All other target analytes were recovered within the QC limits.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

Semi-volatile Organic Chemicals by Method 8270

Sample Handling. One (1) water sample was extracted by SW-846 Method 3510 and the extract was analyzed by SW-846 Method 8270 for semi-volatile organic chemicals. The sample, extraction blank and spikes were analyzed on MS08. All extractions and analyses were performed within holding time.

Initial Calibrations. An eight-point calibration for SW-846 Method 8270 was analyzed on MS08 on January 18, 2008. This calibration was used for the analyses of the samples, blank and spikes. The initial calibration met method criteria for all target analytes.

Calibration Checks. A calibration check standard for SW-846 Method 8270 was analyzed on MS08 on February 6, 2008. The calibration check met method criteria for all target analytes.

Blanks. A method blank, identified as 438456, was extracted and analyzed with the samples. No target compounds were detected in the method blank.

Surrogates. An eight-component surrogate mix was added to the sample, blank and spikes. All surrogate recoveries were within QC limits in the sample, blank and spikes.

Internal Standards. A six-component internal standard mix was added to each sample, blank and spike for SW-846 Method 8270. All internal standards met method criteria.

Blank Spikes. A blank spike, identified as 438457, was extracted and analyzed with the samples by method 8270. All recoveries were within QC limits for the spiked blank.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

Semi-volatile Organic Chemicals by SW-846 Method 8270SIM

Sample Handling. One (1) water sample, 9720605011, was analyzed for low-level poly-nuclear aromatic hydrocarbons by the selective ion monitoring (PAHSIM) method. This sample, extraction blanks and spiked blanks were analyzed on MS02. All extractions and analyses were performed within holding time.

Initial Calibrations. An eight-point calibration for the PAHSIM method was analyzed on MS02 on February 5, 2008. The calibration was used for the analyses of the sample, blank and spike. The initial calibration met in-house criteria for all target analytes.

Calibration Checks. A calibration check standard for the PAHSIM method was analyzed on MS02 on February 5, 2008. This calibration check met in-house method criteria for all target analytes

An ending calibration check standard was analyzed for the PAHSIM method on MS02 on February 5, 2008. The PAHSIM method ending calibration check met method criteria for all target analytes.

Blanks. One method blank, identified as 436250, was extracted and analyzed with the samples. No target analytes were detected in the method blank.

Surrogates. An eight-component surrogate mix was added to each the samples, blanks and blank spikes. Two surrogates were monitored for Method 8270SIM. All surrogate recoveries were within QC limits in the samples, blanks and spikes.

Internal Standards. A five-component internal standard mix was added to each sample, blank and spike for the PAHSIM method. All internal standards had recoveries within QC limits.

Blank Spikes. One blank spike, identified as 436252 was extracted by the PAHSIM method with the client's sample. The blank spike had recoveries within QC limits for the target analytes.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

Semi-volatile Organic Chemicals by SW-846 Method 8270

Sample Handling. Ten (10) soil samples were extracted by SW-846 Method 3550 and the extracts were analyzed by SW-846 Method 8270 for semi-volatile organic chemicals. The sample, extraction blank and spikes were analyzed on MS08. All extractions and analyses were performed within holding time.

Initial Calibrations. An eight-point calibration for SW-846 Method 8270 was analyzed on MS08 on January 18, 2008. Also, a calibration was analyzed for Atrazine on MS08 on February 5, 2008. These calibrations were used for the analyses of the samples, blanks and spikes. The initial calibrations met method criteria for all target analytes.

Calibration Checks. A calibration check standard for SW-846 Method 8270 was analyzed twice on MS08 on February 6, 2008. These calibration checks met method criteria for all target analytes.

Blanks. One method blank, identified as 436765, was extracted and analyzed with the samples. No target analytes were detected in the method blank.

Surrogates. An eight-component surrogate mix was added to each the samples, blanks and blank spikes. Six surrogates were monitored for Method 8270. All surrogate recoveries were within QC limits in the samples, blanks and spikes.

Internal Standards. A five-component internal standard mix was added to each sample, blank and spike. All internal standards had recoveries within QC limits.

Blank Spikes. One blank spike, identified as 436766 for the 8270 method was analyzed with the samples. All recoveries for the target analytes were within QC limits in the blank spike.

Matrix Spikes. A matrix spike and a matrix spike duplicate, identified as 436767 and 436768, were extracted and analyzed with the project sample, identified as 9720605008 (MTG-SB05-1011). All target analytes had recoveries within QC limits.

Manual Integrations. A summary of all manual integrations is included after each raw data file in the package.

METALS by SW-846 Method 3015/6020

Sample handling. One (1) aqueous sample was analyzed for total metals on the ELAN DRCe ICP-MS using SW-846 Method 6020A. The sample was analyzed within the six-month holding time established for this method.

Calibration. Prior to calibration, mass calibration and resolution checks were conducted on the instrument. All criteria associated with the mass calibration and resolution checks were within control. The instrument was calibrated for metals using a blank and five to seven calibration standards. The calibration was verified prior to running samples through the analysis of a second source standard. A continuing calibration standard was analyzed every ten samples and at the conclusion of the run. All criteria associated with the calibration and calibration verification standards were within control limits.

Blanks. Reagent blanks were analyzed following the calibration, after every ten samples, and at the conclusion of the run. Metals were not present in any of the reagent blanks at a detectable level. A method blank, identified as samples 437218-MB, was analyzed with the sample in this deliverable group. Metals were not present in the method blank.

Laboratory Control Samples. Laboratory control sample, identified 437219-LCS, was analyzed with the sample in this deliverable group. The LCS recoveries were within the control limits for this method.

METALS by SW-846 Method 3051A/6020

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS07 Calibration Date(s): 02/06/08 02/06/08

Column: RTX-VRX ID: 0.25 (mm) Calibration Time(s): 0813 1051

LAB FILE ID: RF2: 7020603 RF5: 7020604 RF20: 7020605
RF50: 7020606 RF100: 7020607

COMPOUND	RF2	RF5	RF20	RF50	RF100
Acetone	0.021	0.021	0.017	0.018	0.018
Acrolein	0.035	0.033	0.032	0.033	0.032
Acrylonitrile	0.063	0.068	0.070	0.075	0.071
Benzene	1.357	1.408	1.300	1.264	1.250
Bromobenzene	1.003	0.990	0.908	0.955	0.957
Bromochloromethane	0.125	0.132	0.139	0.142	0.137
Bromodichloromethane	0.564	0.679	0.651	0.618	0.574
Bromoform	0.350	0.354	0.370	0.416	0.394
Bromomethane	0.282	0.237	0.263	0.271	0.278
n-Butylbenzene	4.643	4.371	4.088	4.162	3.796
2-Butanone	0.023	0.027	0.028	0.032	0.028
sec-Butylbenzene	4.860	5.039	4.626	4.773	4.398
tert-Butylbenzene	0.851	0.748	0.684	0.713	0.668
trans-1,4-Dichloro-2-butene	0.391	0.440	0.455	0.508	0.453
Carbon Disulfide	1.163	1.143	1.092	1.027	1.001
Carbon Tetrachloride	0.770	0.720	0.710	0.669	0.593
Chlorobenzene	1.552	1.545	1.379	1.387	1.310
Chlorodibromomethane	0.571	0.625	0.627	0.638	0.602
Chloroethane	0.251	0.252	0.271	0.234	0.232
Chloroform	0.847	0.910	0.882	0.809	0.764
1-Chlorohexane	0.925	0.936	0.890	0.876	0.831
Chloromethane	0.425	0.401	0.397	0.395	0.354
1,2-Dibromo-3-chloropropane	0.981	2.021	3.017	3.592	3.827
Isopropylbenzene	3.030	2.902	2.861	2.921	2.650
1,2-Dibromoethane	0.523	0.508	0.502	0.514	0.500
Dibromomethane	0.231	0.258	0.220	0.235	0.218
1,2-Dichlorobenzene	1.561	1.562	1.553	1.660	1.569
1,3-Dichlorobenzene	1.799	1.896	1.707	1.757	1.758
1,4-Dichlorobenzene	2.055	1.952	1.871	1.881	1.825
Dichlorodifluoromethane	1.161	1.091	1.148	1.048	0.901
1,1-Dichloroethane	0.782	0.796	0.778	0.695	0.664
1,2-Dichloroethane	0.710	0.764	0.710	0.690	0.599
1,1-Dichloroethene	0.268	0.264	0.273	0.261	0.254
cis-1,2-Dichloroethene	0.326	0.346	0.344	0.332	0.325
trans-1,2-Dichloroethene	0.327	0.338	0.326	0.297	0.303
1,2-Dichloropropane	0.322	0.338	0.342	0.332	0.328
1,3-Dichloropropane	1.058	1.059	0.980	0.998	0.924

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS07 Calibration Date(s): 02/06/08 02/06/08

Column: RTX-VRX ID: 0.25 (mm) Calibration Time(s): 0813 1051

RF200: 7020608

COMPOUND	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2
Acetone	0.017	AVRG		1.859e-002	10.2
Acrolein	0.028	AVRG		3.239e-002	7.0
Acrylonitrile	0.068	AVRG		6.919e-002	5.8
Benzene	1.152	AVRG		1.28844392	6.9
Bromobenzene	0.914	AVRG		0.95455829	4.0
Bromochloromethane	0.139	AVRG		0.13590321	4.6
Bromodichloromethane	0.531	AVRG		0.60279906	9.3
Bromoform	0.411	AVRG		0.38238391	7.4
Bromomethane	0.288	AVRG		0.26985883	6.7
n-Butylbenzene	3.522	AVRG		4.09698144	9.8
2-Butanone	0.026	AVRG		2.741e-002	11.0
sec-Butylbenzene	4.042	AVRG		4.62297931	7.7
tert-Butylbenzene	0.644	AVRG		0.71814699	10.3
trans-1,4-Dichloro-2-butene	0.384	AVRG		0.43863378	10.5
Carbon Disulfide	1.005	AVRG		1.07178959	6.6
Carbon Tetrachloride	0.534	AVRG		0.66624757	13.2
Chlorobenzene	1.396	AVRG		1.42793997	6.8
Chlorodibromomethane	0.622	AVRG		0.61400851	3.9
Chloroethane	0.229	AVRG		0.24479642	6.6
Chloroform	0.698	AVRG		0.81838146	9.6
1-Chlorohexane	0.882	AVRG		0.89011983	4.2
Chloromethane	0.328	AVRG		0.38351027	9.3
1,2-Dibromo-3-chloropropane	4.666	LINR	-0.4017575	0.20932330	0.990
Isopropylbenzene	2.632	AVRG		2.83258825	5.6
1,2-Dibromoethane	0.504	AVRG		0.50863347	1.7
Dibromomethane	0.196	AVRG		0.22642924	9.2
1,2-Dichlorobenzene	1.537	AVRG		1.57358863	2.8
1,3-Dichlorobenzene	1.651	AVRG		1.76160828	4.7
1,4-Dichlorobenzene	1.775	AVRG		1.89326188	5.2
Dichlorodifluoromethane	0.799	AVRG		1.02483050	14.1
1,1-Dichloroethane	0.639	AVRG		0.72588340	9.4
1,2-Dichloroethane	0.542	AVRG		0.66936263	12.3
1,1-Dichloroethene	0.257	AVRG		0.26277377	2.6
cis-1,2-Dichloroethene	0.310	AVRG		0.33072748	4.1
trans-1,2-Dichloroethene	0.297	AVRG		0.31478100	5.7
1,2-Dichloropropane	0.303	AVRG		0.32761884	4.3
1,3-Dichloropropane	0.932	AVRG		0.99199434	5.9

TB-012408
RB-012408

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS05 Calibration Date(s): 01/29/08 01/29/08

Column: RTX-VMS ID: 0.25 (mm) Calibration Time(s): 1711 1959

LAB FILE ID: RF1: 5012903 RF5: 5012904 RF20: 5012905
RF50: 5012906 RF100: 5012907

COMPOUND	RF1	RF5	RF20	RF50	RF100
Acrolein	0.051	0.055	0.054	0.052	0.051
Acrylonitrile	0.106	0.103	0.105	0.106	0.108
Benzene	1.311	1.257	1.172	1.155	1.139
Bromoform	4.099	2.586	2.381	2.136	2.117
Carbon Tetrachloride	0.249	0.240	0.236	0.242	0.232
Chlorobenzene	1.106	1.033	0.960	0.961	0.957
Chlorodibromomethane	0.277	0.328	0.349	0.361	0.369
Chloroethane	0.235	0.218	0.205	0.211	0.215
2-Chloroethylvinyl ether	NT	NT	NT	0.049	0.060
Chloroform	0.474	0.545	0.512	0.494	0.490
Bromodichloromethane	0.311	0.361	0.344	0.352	0.348
1,1-Dichloroethane	0.614	0.646	0.565	0.561	0.569
1,2-Dichloroethane	0.392	0.408	0.370	0.370	0.366
1,1-Dichloroethene	0.468	0.485	0.455	0.442	0.447
1,2-Dichloropropane	0.317	0.321	0.321	0.316	0.316
1,3-Dichloropropene, Total	0.649	0.704	0.695	0.704	0.708
Ethylbenzene	0.507	0.508	0.490	0.490	0.494
Bromomethane	2.769	8.333	7.356	5.435	5.682
Chloromethane	0.589	0.484	0.445	0.463	0.472
Methylene Chloride	0.363	0.349	0.322	0.316	0.319
1,1,2,2-Tetrachloroethane	1.298	1.206	1.145	1.168	1.125
Tetrachloroethene	0.296	0.286	0.323	0.321	0.288
Toluene	1.009	1.098	1.041	1.019	1.046
trans-1,2-Dichloroethene	0.490	0.496	0.440	0.447	0.460
1,1,1-Trichloroethane	0.307	0.329	0.324	0.319	0.323
Chloroprene	0.459	0.526	0.476	0.493	0.491
1,1,2-Trichloroethane	0.316	0.342	0.322	0.320	0.317
Trichloroethene	0.319	0.280	0.268	0.266	0.259
Vinyl Chloride	0.454	0.420	0.385	0.400	0.423
Freon 113	0.208	0.252	0.238	0.237	0.236
o-Xylene	0.602	0.686	0.653	0.656	0.654
mp-Xylene	0.689	0.694	0.628	0.637	0.630
2-Butanone	0.024	0.027	0.031	0.029	0.028
Trichlorofluoromethane	0.315	0.313	0.284	0.282	0.283
Tetrahydrofuran	0.078	0.079	0.073	0.073	0.068
4-Methyl-2-Pentanone(MIBK)	0.430	0.434	0.418	0.406	0.390
Pentane	2.692	4.048	5.062	4.886	5.157

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS05 Calibration Date(s): 01/29/08 01/29/08

Column: RTX-VMS ID: 0.25 (mm) Calibration Time(s): 1711 1959

RF200: 5012908

COMPOUND	RF200
Acrolein	0.048
Acrylonitrile	0.107
Benzene	1.051
Bromoform	2.006
Carbon Tetrachloride	0.221
Chlorobenzene	0.888
Chlorodibromomethane	0.369
Chloroethane	0.154
2-Chloroethylvinyl ether	0.098
Chloroform	0.457
Bromodichloromethane	0.332
1,1-Dichloroethane	0.526
1,2-Dichloroethane	0.344
1,1-Dichloroethene	0.420
1,2-Dichloropropane	0.298
1,3-Dichloropropene, Total	0.674
Ethylbenzene	0.459
Bromomethane	5.051
Chloromethane	0.443
Methylene Chloride	0.302
1,1,2,2-Tetrachloroethane	1.104
Tetrachloroethene	0.270
Toluene	1.007
trans-1,2-Dichloroethene	0.415
1,1,1-Trichloroethane	0.300
Chloroprene	0.461
1,1,2-Trichloroethane	0.310
Trichloroethene	0.238
Vinyl Chloride	0.389
Freon 113	0.223
o-Xylene	0.604
~~mp-Xylene~~	0.572
2-Butanone	0.029
Trichlorofluoromethane	0.257
Tetrahydrofuran	0.066
4-Methyl-2-Pentanone(MIBK)	0.357
Pentane	5.488

FORM VI VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Lab File ID (Standard): 7020631 Date Analyzed: 02/06/08

Instrument ID: MS07 Time Analyzed: 2030

GC Column: RTX-VRX ID: 0.25 (mm) Heated Purge: (Y/N) Y

		IS1(CBZ) AREA #	RT #	IS2(DCB) AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	509172	16.60	350211	19.49	853266	12.42
	UPPER LIMIT	1018344	17.10	700422	19.99	1706532	12.92
	LOWER LIMIT	254586	16.10	175106	18.99	426633	11.92
	TETRA TECH SAMPLE NO.						
01	438168	390765	16.60	255514	19.50	781520	12.42
02	438169	405146	16.60	284011	19.49	730627	12.42
03	438170	417533	16.60	295366	19.49	746801	12.41
04	MTG-SB01-030	392098	16.59	243205	19.48	715574	12.41
05	MTG-SB02-060	345928	16.59	209339	19.49	609439	12.40
06	MTG-SB02-030	356303	16.59	212575	19.48	617326	12.40
07	MTG-SB03-050	312647	16.59	193778	19.49	560595	12.40
08	MTG-SB03-101	346281	16.59	193386	19.48	586698	12.41
09	MTG-SB04-111	313705	16.59	183344	19.48	531215	12.40
10	MTG-SB04-222	289119	16.58	161637*	19.47	505030	12.40
11	MTG-SB05-101	290967	16.59	169905*	19.48	514596	12.40
12	MTG-SB05-101	331110	16.59	225847	19.48	561622	12.40
13	MTG-SB05-101	356608	16.58	240126	19.47	597474	12.40
14	MTG-SB05-222	327689	16.58	198271	19.47	594734	12.39
15	MTG-FD-01	316068	16.57	184326	19.48	560487	12.39
16							
17							
18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS07 Calibration Date: 02/06/08 Time: 2030

Lab File ID: 7020631 Init. Calib. Date(s): 02/06/08 02/06/08

Heated Purge: (Y/N) Y Init. Calib. Times: 0813 1051

GC Column: RTX-VRX ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL50 AMOUNT	CURVE	%D	MAX %d
Acetone	196	250	AVRG	21.6	100
Acrolein	1120	1250	AVRG	10.4	100
Acrylonitrile	210	250	AVRG	16.0	100
Benzene	45.5	50.0	AVRG	9.0	100
Bromobenzene	46.1	50.0	AVRG	7.8	100
Bromochloromethane	48.1	50.0	AVRG	3.8	100
Bromodichloromethane	48.8	50.0	AVRG	2.4	100
Bromoform	44.5	50.0	AVRG	11.0	100
Bromomethane	47.9	50.0	AVRG	4.2	100
n-Butylbenzene	48.2	50.0	AVRG	3.6	100
2-Butanone	208	250	AVRG	16.8	100
sec-Butylbenzene	49.2	50.0	AVRG	1.6	100
tert-Butylbenzene	45.7	50.0	AVRG	8.6	100
trans-1,4-Dichloro-2-butene	40.5	50.0	AVRG	19.0	100
Carbon Disulfide	43.6	50.0	AVRG	12.8	100
Carbon Tetrachloride	51.3	50.0	AVRG	2.6	100
Chlorobenzene	44.8	50.0	AVRG	10.4	100
Chlorodibromomethane	45.3	50.0	AVRG	9.4	100
Chloroethane	42.5	50.0	AVRG	15.0	100
Chloroform	49.0	50.0	AVRG	2.0	20.0
1-Chlorohexane	46.1	50.0	AVRG	7.8	100
Chloromethane	48.0	50.0	AVRG	4.0	100
1,2-Dibromo-3-chloropropane	37.0	50.0	2ORDR	-26.0	100
Isopropylbenzene	48.6	50.0	AVRG	2.8	100
1,2-Dibromoethane	42.1	50.0	AVRG	15.8	100
Dibromomethane	43.9	50.0	AVRG	12.2	100
1,2-Dichlorobenzene	47.8	50.0	AVRG	4.4	100
1,3-Dichlorobenzene	49.4	50.0	AVRG	1.2	100
1,4-Dichlorobenzene	46.0	50.0	AVRG	8.0	100
Dichlorodifluoromethane	52.4	50.0	AVRG	4.8	100
1,1-Dichloroethane	46.6	50.0	AVRG	6.8	100
1,2-Dichloroethane	46.6	50.0	AVRG	6.8	100
1,1-Dichloroethene	47.0	50.0	AVRG	6.0	20.0
cis-1,2-Dichloroethene	45.4	50.0	AVRG	9.2	100
trans-1,2-Dichloroethene	47.9	50.0	AVRG	4.2	100
1,2-Dichloropropane	45.3	50.0	AVRG	9.4	20.0
1,3-Dichloropropane	41.1	50.0	AVRG	17.8	100

no positive results for 1,2-dibromo-3-chloropropane

FORM VII VOA

0690

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS07 Calibration Date: 02/06/08 Time: 2030

Lab File ID: 7020631 Init. Calib. Date(s): 02/06/08 02/06/08

Heated Purge: (Y/N) Y Init. Calib. Times: 0813 1051

GC Column: RTX-VRX ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL50 AMOUNT	CURVE	%D	MAX %d
2,2-Dichloropropane	50.7	50.0	AVRG	1.4	100
1,3-Dichloropropene, Total	86.4	100	AVRG	13.6	100
1,1-Dichloropropene	49.6	50.0	AVRG	0.8	100
cis-1,3-Dichloropropene	44.4	50.0	AVRG	11.2	100
trans-1,3-Dichloropropene	42.0	50.0	AVRG	16.0	100
Diisobutylene	51.4	50.0	AVRG	2.8	100
Ethyl Ether	43.1	50.0	AVRG	13.8	100
Ethylbenzene	45.4	50.0	AVRG	9.2	20.0
Hexachlorobutadiene	53.8	50.0	AVRG	7.6	100
2-Hexanone	172	250	AVRG	31.2	100
Iodomethane	47.8	50.0	AVRG	4.4	100
p-Isopropyltoluene	47.6	50.0	AVRG	4.8	100
Methyl t-Butyl Ether	45.6	50.0	AVRG	8.8	100
Methylene Chloride	45.4	50.0	LINR	9.2	100
Naphthalene	40.1	50.0	AVRG	19.8	100
2-Nitropropane	206	250	AVRG	17.6	100
n-Propylbenzene	45.6	50.0	AVRG	8.8	100
o-Chlorotoluene	47.1	50.0	AVRG	5.8	100
p-Chlorotoluene	46.1	50.0	AVRG	7.8	100
4-Methyl-2-Pentanone(MIBK)	168	250	AVRG	32.8	100
3-Chloro-1-propene	43.5	50.0	AVRG	13.0	100
Styrene	49.1	50.0	AVRG	1.8	100
1,1,1,2-Tetrachloroethane	47.2	50.0	AVRG	5.6	100
Cyclohexane	42.7	50.0	AVRG	14.6	100
1,1,2,2-Tetrachloroethane	39.2	50.0	AVRG	21.6	100
Pentane	38.8	50.0	AVRG	22.4	100
Tetrachloroethene	43.1	50.0	AVRG	13.8	100
Tetrahydrofuran NT	178	250	AVRG	28.8	100
tert.- Butyl Alcohol	200	250	AVRG	20.0	100
1,2,4-Trichlorobenzene	47.8	50.0	AVRG	4.4	100
Hexane	40.0	50.0	AVRG	20.0	100
Toluene	44.0	50.0	AVRG	12.0	20.0
1,2,3-Trichlorobenzene	46.9	50.0	AVRG	6.2	100
Heptane	38.9	50.0	AVRG	22.2	100
Octane	39.4	50.0	AVRG	21.2	100
1,1,1-Trichloroethane	52.7	50.0	AVRG	5.4	100
Benzyl Chloride	43.5	50.0	AVRG	13.0	100

no positive results

TB-012408
FB-012408

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Instrument ID: MS05 Calibration Date: 02/05/08 Time: 1454

Lab File ID: 5020531 Init. Calib. Date(s): 01/29/08 01/29/08

Heated Purge: (Y/N) N Init. Calib. Times: 1711 1959

GC Column: RTX-VMS ID: 0.25 (mm)

COMPOUND	SAMPLE AMOUNT	CAL50 AMOUNT	CURVE	%D	MAX %d
Acrolein	1300	1250	AVRG	4.0	100
Acrylonitrile	254	250	AVRG	1.6	100
Benzene	43.7	50.0	AVRG	12.6	100
Bromoform	43.7	50.0	LINR	12.6	100
Carbon Tetrachloride	45.6	50.0	AVRG	8.8	100
Chlorobenzene	44.6	50.0	AVRG	10.8	100
Chlorodibromomethane	48.6	50.0	AVRG	2.8	100
Chloroethane	52.3	50.0	AVRG	4.6	100
2-Chloroethylvinyl ether	34.6	50.0	AVRG	NT 30.8	100
Chloroform	44.3	50.0	AVRG	11.4	20.0
Bromodichloromethane	46.6	50.0	AVRG	6.8	100
1,1-Dichloroethane	43.6	50.0	AVRG	12.8	100
1,2-Dichloroethane	45.1	50.0	AVRG	9.8	100
1,1-Dichloroethene	44.0	50.0	AVRG	12.0	20.0
1,2-Dichloropropane	45.6	50.0	AVRG	8.8	20.0
1,3-Dichloropropene, Total	93.7	100	AVRG	6.3	100
Ethylbenzene	46.1	50.0	AVRG	7.8	20.0
Bromomethane	47.6	50.0	LINR	4.8	100
Chloromethane	51.7	50.0	AVRG	3.4	100
Methylene Chloride	44.7	50.0	AVRG	10.6	100
~~1,1,2,2-Tetrachloroethane~~	46.1	50.0	AVRG	7.8	100
Tetrachloroethene	33.3	50.0	AVRG	33.4	100
~~Toluene~~	44.9	50.0	AVRG	~~10.2~~	20.0
trans-1,2-Dichloroethene	43.7	50.0	AVRG	12.6	100
1,1,1-Trichloroethane	45.1	50.0	AVRG	9.8	100
Chloroprene	45.4	50.0	AVRG	9.2	100
1,1,2-Trichloroethane	47.1	50.0	AVRG	5.8	100
Trichloroethene	43.3	50.0	AVRG	13.4	100
Vinyl Chloride	52.2	50.0	AVRG	4.4	20.0
Freon 113	44.2	50.0	AVRG	11.6	100
o-Xylene	45.1	50.0	AVRG	9.8	100
mp-Xylene	92.9	100	AVRG	7.1	100
2-Butanone	257	250	AVRG	2.8	100
Trichlorofluoromethane	49.9	50.0	AVRG	0.2	100
Tetrahydrofuran	244	250	AVRG	2.4	100
4-Methyl-2-Pentanone(MIBK)	257	250	AVRG	2.8	100
Pentane	41.2	50.0	LINR	17.6	100

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix Spike - Sample No.: 438179 - 9720605008 MTG-SB-02-1011 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Benzene	20.0	0.00	16.7	84	75-132
Bromoform	20.0	0.00	17.8	89	68-131
Carbon Tetrachloride	20.0	0.00	23.6	118	64-136
Chlorobenzene	20.0	0.00	15.0	75*	76-125
Chlorodibromomethane	20.0	0.00	18.0	90	75-124
Chloroethane	20.0	0.00	20.3	102	1-141
Chloroform	20.0	0.00	20.6	103	73-126
Bromodichloromethane	20.0	0.00	21.4	107	74-127
1,1-Dichloroethane	20.0	0.00	18.6	93	74-131
1,2-Dichloroethane	20.0	0.00	21.3	106	69-132
1,1-Dichloroethene	20.0	0.00	17.0	85	59-139
1,2-Dichloropropane	20.0	0.00	16.9	84	78-131
Ethylbenzene	20.0	0.00	17.0	85	73-133
Bromomethane	20.0	0.00	19.4	97	43-148
Chloromethane	20.0	0.00	22.2	111	44-139
Methylene Chloride	20.0	0.00	14.7	74	68-133
1,1,2,2-Tetrachloroetha	20.0	0.00	15.0	75	72-134
Tetrachloroethene	20.0	0.00	15.2	76	58-137
Toluene	20.0	0.00	15.5	78	73-129
trans-1,2-Dichloroethen	20.0	0.00	16.5	82	66-133
1,1,1-Trichloroethane	20.0	0.00	22.4	112	68-131
1,1,2-Trichloroethane	20.0	0.00	14.9	74*	79-123
Trichloroethene	20.0	3.1	20.8	88	72-129
Vinyl Chloride	20.0	0.00	23.0	115	53-141
Freon 113	20.0	0.00	18.7	94	40-109
o-Xylene	20.0	0.00	16.2	81	75-129
mp-Xylene	39.9	0.00	31.3	78	72-130
2-Butanone	99.8	0.00	68.3	68	64-148

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix Spike - Sample No.: 438179 - 9720605008 MTG-SB-02-1011 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Trichlorofluoromethane	20.0	0.00	29.4	147*	40-130
4-Methyl-2-Pentanone(MI	99.8	0.00	71.6	72	64-143
1,4-Dichlorobenzene	20.0	0.00	16.2	81	72-126
1,2-Dichlorobenzene	20.0	0.00	16.8	84	75-126
1,3-Dichlorobenzene	20.0	0.00	17.6	88	72-127
1,2,4-Trichlorobenzene	20.0	0.00	16.0	80	63-132
TOTAL XYLENES	59.9	0.00	47.4	79	73-130
Methyl acetate	20.0	0.00	15.4	77	70-130
Acetone	99.8	16.4	89.9	74	58-146
Dichlorodifluoromethane	20.0	0.00	27.5	138	16-152
Methyl cyclohexane	20.0	0.00	18.4	92	70-130
trans-1,3-Dichloroprope	20.0	0.00	17.4	87	77-123
cis-1,3-Dichloropropene	20.0	0.00	17.1	86	76-123
Cyclohexane	20.0	0.00	16.3	82	62-143
Styrene	20.0	0.00	13.4	67*	77-130
cis-1,2-Dichloroethene	20.0	0.00	15.4	77	75-128
1,2-Dibromo-3-chloropro	20.0	0.00	16.0	80	52-151
Methyl t-Butyl Ether	20.0	0.00	18.1	90	70-118
Carbon Disulfide	20.0	0.00	15.9	80	47-144
2-Hexanone	99.8	0.00	71.0	71	62-147
Bromochloromethane	20.0	0.00	16.4	82	71-120
Isopropylbenzene	20.0	0.00	17.8	89	71-137
1,2,3-Trichlorobenzene	20.0	0.00	16.7	84	68-129
1,2-Dibromoethane	20.0	0.00	15.7	78	76-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix Spike - Sample No.: 438180 - 9720605008 MTG-SB-02-1011 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	22.8	21.4	94	11	40	75-132
Bromoform	22.8	20.0	88	1	40	68-131
Carbon Tetrachloride	22.8	29.6	130	10	40	64-136
Chlorobenzene	22.8	18.9	83	10	40	76-125
Chlorodibromomethane	22.8	21.9	96	6	40	75-124
Chloroethane	22.8	25.5	112	9	40	1-141
Chloroform	22.8	26.6	117	13	40	73-126
Bromodichloromethane	22.8	27.2	119	11	40	74-127
1,1-Dichloroethane	22.8	24.6	108	15	40	74-131
1,2-Dichloroethane	22.8	26.3	115	8	40	69-132
1,1-Dichloroethene	22.8	22.6	99	15	40	59-139
1,2-Dichloropropane	22.8	21.7	95	12	40	78-131
Ethylbenzene	22.8	21.8	96	12	40	73-133
Bromomethane	22.8	25.1	110	12	40	43-148
Chloromethane	22.8	32.6	143*	25	40	44-139
Methylene Chloride	22.8	20.4	89	18	40	68-133
1,1,2,2-Tetrachloroetha	22.8	17.3	76	1	40	72-134
Tetrachloroethene	22.8	20.0	88	15	40	58-137
Toluene	22.8	20.8	91	15	40	73-129
trans-1,2-Dichloroethen	22.8	22.8	100	20	40	66-133
1,1,1-Trichloroethane	22.8	29.6	130	15	40	68-131
1,1,2-Trichloroethane	22.8	19.6	86	15	40	79-123
Trichloroethene	22.8	25.8	100	13	40	72-129
Vinyl Chloride	22.8	31.7	139	19	40	53-141
Freon 113	22.8	25.1	110*	16	40	40-109
o-Xylene	22.8	20.9	92	13	40	75-129
mp-Xylene	45.6	40.5	89	13	40	72-130
2-Butanone	114	92.4	81	17	40	64-148

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix Spike - Sample No.: 438180 - 9720605008 MTG-SB-02-1011 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichlorofluoromethane	22.8	34.7	152*	3	40	40-130
4-Methyl-2-Pentanone(MI	114	80.3	70	3	40	64-143
1,4-Dichlorobenzene	22.8	20.6	90	10	40	72-126
1,2-Dichlorobenzene	22.8	21.6	95	12	40	75-126
1,3-Dichlorobenzene	22.8	21.9	96	9	40	72-127
1,2,4-Trichlorobenzene	22.8	22.2	97	19	40	63-132
TOTAL XYLENES	68.3	61.4	90	13	40	73-130
Methyl acetate	22.8	16.8	74	4	40	70-130
Acetone	114	103	76	3	40	58-146
Dichlorodifluoromethane	22.8	35.3	155*	12	40	16-152
Methyl cyclohexane	22.8	21.3	93	1	40	70-130
trans-1,3-Dichloroprope	22.8	20.3	89	2	40	77-123
cis-1,3-Dichloropropene	22.8	20.9	92	7	40	76-123
Cyclohexane	22.8	20.9	92	11	40	62-143
Styrene	22.8	16.2	71*	6	40	77-130
cis-1,2-Dichloroethene	22.8	21.1	92	18	40	75-128
1,2-Dibromo-3-chloropro	22.8	23.1	101	23	40	52-151
Methyl t-Butyl Ether	22.8	22.2	97	7	40	70-118
Carbon Disulfide	22.8	21.2	93	15	40	47-144
2-Hexanone	114	81.9	72	1	40	62-147
Bromochloromethane	22.8	21.9	96	16	40	71-120
Isopropylbenzene	22.8	21.9	96	8	40	71-137
1,2,3-Trichlorobenzene	22.8	22.0	96	13	40	68-129
1,2-Dibromoethane	22.8	18.4	81	4	40	76-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 52 outside limits
Spike Recovery: 9 out of 104 outside limits

COMMENTS: _____

0665

Method blank for TB-012408 RB-012408

FORM 1 In-house QC Account SAMPLE NO.
VOLATILE ORGANICS ANALYSIS DATA SHEET

437705

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix: (soil/water) WATER Lab Sample ID: 437705

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5020533

Level: (low/med) LOW Date Received: 02/05/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.0	U
75-25-2	Bromoform	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
100-41-4	Ethylbenzene	1.0	U
74-83-9	Bromomethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-09-2	Methylene Chloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl Chloride	1.0	U
76-13-1	Freon 113	1.0	U
95-47-6	o-Xylene	1.0	U
108383/106423	mp-Xylene	0.61	J
78-93-3	2-Butanone	10.0	U
75-69-4	Trichlorofluoromethane	1.0	U
108-10-1	4-Methyl-2-Pentanone(MIBK)	5.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U

FORM I VOA

FORM 1 In-house QC Account SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

437705

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK001

Matrix: (soil/water) WATER Lab Sample ID: 437705

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5020533

Level: (low/med) LOW Date Received: 02/05/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
1330-20-7	TOTAL XYLENES	0.61	J
79-20-9	Methyl acetate	2.0	U
67-64-1	Acetone	10.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
108-87-2	Methyl cyclohexane	0.36	J
10061-02-6	trans-1,3-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
110-82-7	Cyclohexane	1.0	U
100-42-5	Styrene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	7.0	U
1634-04-4	Methyl t-Butyl Ether	1.0	U
75-15-0	Carbon Disulfide	1.0	U
591-78-6	2-Hexanone	5.0	U
74-97-5	Bromochloromethane	1.0	U
98-82-8	Isopropylbenzene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	2.0	U
106-93-4	1,2-Dibromoethane	1.0	U

TETRA TECH NUS

PHIL- 21974

TO: DON WHALEN

DATE: MARCH 18, 2008

FROM: MEGAN RITCHIE

COPIES: FILE

SUBJECT: ORGANIC DATA VALIDATION – VOC AND SVOC
NMCRC READING UNDERGROUND STORAGE TANK, READING, PENNSYLVANIA
SDG NO. TCK-003

SAMPLES: **8/Solid/**

UST-SB01-1112	UST-SB03-1112	UST-FD-01
UST-SB02-0405	UST-SB04-0405	UST-SB05-1415
UST-SB02-2829	UST-SB04-2829	

2/Aqueous/

RB-022108	TB-022108

OVERVIEW

The sample set for the NMCRC Reading Underground Storage Tank (UST) site in Reading, Pennsylvania, SDG TCK-003 consists of 8 solid environmental samples (designated UST-SB- and UST-FD-), and two field QC blanks (designated RB- and TB-). One matrix spike sample (UST-SB03-1112) was designated for this sample set. One field duplicate pair (UST-SB04-2829 and UST-FD-01) was included in this sample set. All samples were analyzed for the #2 Fuel Oil List Volatile Organic Compounds (VOCs) and Semivolatile Organic Compounds (SVOCs) except the trip blank. The trip blank was analyzed for VOCs only.

The samples were collected by Tetra Tech NUS on February 21, 2008 and analyzed by Analytical Laboratory Services, Inc. (ALSI) of Middletown, Pennsylvania.

All analyses were conducted using EPA SW-846 Methods. VOCs were analyzed by 8260 and SVOCs by 8270.

SUMMARY

All analytes were successfully analyzed in all samples. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, GC/MS tuning and calibration data, laboratory and field quality control blank results, system monitoring compound recoveries, matrix spike/matrix spike duplicate results, laboratory control spike results, internal standards performance, compound identification, compound quantitation, and field duplicate results.

Notes

All data were acceptable as reported by the laboratory.

EXECUTIVE SUMMARY

Laboratory Performance: None.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the Tetra Tech NUS Standard Operating Procedure DV-02 (8/01) "Data Validation for Non-CLP Organics for Solid Matrices" and EPA "Functional Guidelines for Organic Data Review", as amended for use within EPA Region 3 (9/94).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPjP)."

Megan N. Ritchie

Megan N. Ritchie
Chemist

Tetra Tech NUS, Inc.
Russell Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Laboratory Analytical Results
3. Appendix C – Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OV

nsample	UST-FD-01
samp_date	2/21/2008
lab_id	9724206007
qc_type	FD
units	UG/KG
Pct_Solids	87.8
DUP_OF:	UST-SB04-2829

Parameter	Result	Val Qual	Qual Code
BENZENE	55.4	U	
ETHYLBENZENE	55.4	U	
ISOPROPYLBENZENE	55.4	U	
NAPHTHALENE	111	U	
TOLUENE	55.4	U	

nsample	UST-SB01-1112
samp_date	2/21/2008
lab_id	9724206001
qc_type	NM
units	UG/KG
Pct_Solids	79.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	50.4	U	
ETHYLBENZENE	50.4	U	
ISOPROPYLBENZENE	50.4	U	
NAPHTHALENE	101	U	
TOLUENE	50.4	U	

nsample	UST-SB02-0405
samp_date	2/21/2008
lab_id	9724206002
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	51.8	U	
ETHYLBENZENE	51.8	U	
ISOPROPYLBENZENE	51.8	U	
NAPHTHALENE	104	U	
TOLUENE	51.8	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OV

nsample	UST-SB02-2829
samp_date	2/21/2008
lab_id	9724206003
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	62.2	U	
ETHYLBENZENE	62.2	U	
ISOPROPYLBENZENE	62.2	U	
NAPHTHALENE	124	U	
TOLUENE	62.2	U	

nsample	UST-SB03-1112
samp_date	2/21/2008
lab_id	9724206004
qc_type	NM
units	UG/KG
Pct_Solids	79.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	55.8	U	
ETHYLBENZENE	55.8	U	
ISOPROPYLBENZENE	55.8	U	
NAPHTHALENE	112	U	
TOLUENE	55.8	U	

nsample	UST-SB04-0405
samp_date	2/21/2008
lab_id	9724206005
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	54	U	
ETHYLBENZENE	54	U	
ISOPROPYLBENZENE	54	U	
NAPHTHALENE	108	U	
TOLUENE	54	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OV

nsample	UST-SB04-2829
samp_date	2/21/2008
lab_id	9724206006
qc_type	NM
units	UG/KG
Pct_Solids	87.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	52.2	U	
ETHYLBENZENE	52.2	U	
ISOPROPYLBENZENE	52.2	U	
NAPHTHALENE	104	U	
TOLUENE	52.2	U	

nsample	UST-SB05-1415
samp_date	2/21/2008
lab_id	9724206008
qc_type	NM
units	UG/KG
Pct_Solids	77.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	58	U	
ETHYLBENZENE	58	U	
ISOPROPYLBENZENE	58	U	
NAPHTHALENE	116	U	
TOLUENE	58	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: WATER DATA FRACTION: OV

nsample	RB-022108
samp_date	2/21/2008
lab_id	9724206009
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	1	U	
ISOPROPYLBENZENE	1	U	
NAPHTHALENE	2	U	
TOLUENE	1	U	

nsample	TB-022108
samp_date	2/21/2008
lab_id	9724206010
qc_type	TB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	1	U	
ISOPROPYLBENZENE	1	U	
NAPHTHALENE	2	U	
TOLUENE	1	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OS

nsample	UST-FD-01
samp_date	2/21/2008
lab_id	9724206007
qc_type	FD
units	UG/KG
Pct_Solids	87.8
DUP_OF:	UST-SB04-2829

Parameter	Result	Val Qual	Qual Code
FLUORENE	109	U	
PHENANTHRENE	109	U	

nsample	UST-SB01-1112
samp_date	2/21/2008
lab_id	9724206001
qc_type	NM
units	UG/KG
Pct_Solids	79.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	124	U	
PHENANTHRENE	124	U	

nsample	UST-SB02-0405
samp_date	2/21/2008
lab_id	9724206002
qc_type	NM
units	UG/KG
Pct_Solids	81.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	118	U	
PHENANTHRENE	118	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OS

nsample	UST-SB02-2829
samp_date	2/21/2008
lab_id	9724206003
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	99.4	U	
PHENANTHRENE	99.4	U	

nsample	UST-SB03-1112
samp_date	2/21/2008
lab_id	9724206004
qc_type	NM
units	UG/KG
Pct_Solids	79.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	122	U	
PHENANTHRENE	122	U	

nsample	UST-SB04-0405
samp_date	2/21/2008
lab_id	9724206005
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	121	U	
PHENANTHRENE	121	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: SOIL DATA FRACTION: OS

nsample	UST-SB04-2829
samp_date	2/21/2008
lab_id	9724206006
qc_type	NM
units	UG/KG
Pct_Solids	87.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	114	U	
PHENANTHRENE	114	U	

nsample	UST-SB05-1415
samp_date	2/21/2008
lab_id	9724206008
qc_type	NM
units	UG/KG
Pct_Solids	77.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	123	U	
PHENANTHRENE	123	U	

PROJ_NO: 01073

SDG: TCK-003 MEDIA: WATER DATA FRACTION: OS

nsample	RB-022108
samp_date	2/21/2008
lab_id	9724206009
qc_type	RB
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
FLUORENE	1.5	U	
PHENANTHRENE	1.5	U	

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
n01	=	Internal Standard Recovery Noncompliance Dioxins
n02	=	Recovery Standard Noncompliance Dioxins
n03	=	Clean-up Standard Noncompliance Dioxins
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)
w	=	Ratios of primary monitored ions outside of theoretical +/-15 %, within +/- 25 %
x	=	Signal to noise response drop
y	=	Percent solids <30%
z	=	Uncertainty at 2 sigma deviation is greater than sample activity

Data Qualifier Key:

B	- Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	- Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).
K	- Positive result is considered biased high due to exceedance of technical quality control criteria.
L	- Positive result is considered biased low due to exceedance of technical quality control criteria.
U	- Value is a non-detected result as reported by the laboratory.
UL	- Non-detected result is considered biased low due to exceedance of technical quality control criteria.
UR	- Non-detected result is considered unusable due to exceedance of technical quality control criteria.

APPENDIX B

Laboratory Analytical Results

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB01-1112

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206001

Sample wt/vol: 6.3 (g/mL) G

Lab File ID: 15022737

Level: (low/med) MED

Date Received: 02/21/08

% Moisture: not dec. 21

Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm)

Dilution Factor: 50.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	50.4	U
100-41-4	Ethylbenzene	50.4	U
108-88-3	Toluene	50.4	U
91-20-3	Naphthalene	101	U
98-82-8	Isopropylbenzene	50.4	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB02-0405

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206002

Sample wt/vol: 5.9 (g/mL) G

Lab File ID: 15022738

Level: (low/med) MED

Date Received: 02/21/08

% Moisture: not dec. 18

Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm)

Dilution Factor: 50.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	51.8	U
100-41-4	Ethylbenzene	51.8	U
108-88-3	Toluene	51.8	U
91-20-3	Naphthalene	104	U
98-82-8	Isopropylbenzene	51.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB02-2829

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206003

Sample wt/vol: 4.2 (g/mL) G Lab File ID: 15022739

Level: (low/med) MED Date Received: 02/21/08

% Moisture: not dec. 5 Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 50.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	62.2	U
100-41-4	Ethylbenzene	62.2	U
108-88-3	Toluene	62.2	U
91-20-3	Naphthalene	124	U
98-82-8	Isopropylbenzene	62.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB03-1112

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206004

Sample wt/vol: 5.6 (g/mL) G Lab File ID: 15022740

Level: (low/med) MED Date Received: 02/21/08

% Moisture: not dec. 20 Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 50.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	55.8	U
100-41-4	Ethylbenzene	55.8	U
108-88-3	Toluene	55.8	U
91-20-3	Naphthalene	112	U
98-82-8	Isopropylbenzene	55.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB04-0405

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206005

Sample wt/vol: 5.7 (g/mL) G

Lab File ID: 15022741

Level: (low/med) MED

Date Received: 02/21/08

% Moisture: not dec. 19

Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm)

Dilution Factor: 50.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	54.0	U
100-41-4	Ethylbenzene	54.0	U
108-88-3	Toluene	54.0	U
91-20-3	Naphthalene	108	U
98-82-8	Isopropylbenzene	54.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB04-2829

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206006

Sample wt/vol: 5.5 (g/mL) G

Lab File ID: 15022742

Level: (low/med) MED

Date Received: 02/21/08

% Moisture: not dec. 13

Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm)

Dilution Factor: 50.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	52.2	U
100-41-4	Ethylbenzene	52.2	U
108-88-3	Toluene	52.2	U
91-20-3	Naphthalene	104	U
98-82-8	Isopropylbenzene	52.2	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-FD-01

Lab Name:

Contract:

Lab Code: - Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206007

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: 15022743

Level: (low/med) MED

Date Received: 02/21/08

% Moisture: not dec. 12

Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm)

Dilution Factor: 50.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	55.4	U
100-41-4	Ethylbenzene	55.4	U
108-88-3	Toluene	55.4	U
91-20-3	Naphthalene	111	U
98-82-8	Isopropylbenzene	55.4	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB05-1415

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206008

Sample wt/vol: 5.6 (g/mL) G Lab File ID: 15022744

Level: (low/med) MED Date Received: 02/21/08

% Moisture: not dec. 23 Date Analyzed: 02/28/08

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 50.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
71-43-2	Benzene	58.0	U
100-41-4	Ethylbenzene	58.0	U
108-88-3	Toluene	58.0	U
91-20-3	Naphthalene	116	U
98-82-8	Isopropylbenzene	58.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

RB-022108

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) WATER

Lab Sample ID: 9724206009

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 5030536

Level: (low/med) LOW

Date Received: 02/21/08

% Moisture: not dec. _____

Date Analyzed: 03/06/08

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
91-20-3	Naphthalene	2.0	U
98-82-8	Isopropylbenzene	1.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

TB-022108

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) WATER

Lab Sample ID: 9724206010

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 5030537

Level: (low/med) LOW

Date Received: 02/21/08

% Moisture: not dec. _____

Date Analyzed: 03/06/08

GC Column: RTX-VMS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
91-20-3	Naphthalene	2.0	U
98-82-8	Isopropylbenzene	1.0	U

FORM I VOA

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB01-1112

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206001

Sample wt/vol: 15.3 (g/mL) G

Lab File ID: 1022710

Level: (low/med) LOW

Date Received: 02/21/08

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 02/27/08

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	124 ~~173~~	U
85-01-8	Phenanthrene	124 ~~173~~	U

SM 3/12/08

FORM I SV

0164

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB02-2829

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206003

Sample wt/vol: 15.9 (g/mL) G Lab File ID: 1022711

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7---------	Fluorene	99.4 ~~139~~	U
85-01-8---------	Phenanthrene	99.4 ~~139~~	U

SMC 3/12/08

FORM I SV

0165

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB04-2829

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206006

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1022712

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 13 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	114 ~~159~~	U
85-01-8	Phenanthrene	114 ~~159~~	U

SM 3/12/08

FORM I SV

0166

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-FD-01

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206007

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1022713

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	109 ~~152~~	U
85-01-8	Phenanthrene	109 ~~152~~	U

SM 3/12/08

FORM I SV

FORM 1 Tetra Tech NUS, Inc SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

UST-SB02-0405

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206002

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1022807

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 18 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/29/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	118 ~~166~~	U
85-01-8	Phenanthrene	118 ~~166~~	U

SM 3/12/08

FORM I SV

0168

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB03-1112

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206004

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1022808

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/29/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	122 ~~171~~	U
85-01-8	Phenanthrene	122 ~~171~~	U

SM 3/12/08

FORM I SV

0169

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB04-0405

Lab Name:

Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL

Lab Sample ID: 9724206005

Sample wt/vol: 15.3 (g/mL) G

Lab File ID: 1022811

Level: (low/med) LOW

Date Received: 02/21/08

% Moisture: 19 decanted: (Y/N) N

Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 02/29/08

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	12 ~~170~~	U
85-01-8	Phenanthrene	12 ~~170~~	U

SML 3/12/08

FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tetra Tech NUS, Inc SAMPLE NO.

UST-SB05-1415

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) SOIL Lab Sample ID: 9724206008

Sample wt/vol: 15.8 (g/mL) G Lab File ID: 1022812

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: 23 decanted: (Y/N) N Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/29/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	123 ~~172~~	U
85-01-8	Phenanthrene	123 ~~172~~	U

SM 3/12/08

FORM I SV

FORM 1 Tetra Tech NUS, Inc SAMPLE NO.
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

RB-022108

Lab Name: . Contract:

Lab Code: Case No.: SAS No.: SDG No.: TCK003

Matrix: (soil/water) WATER Lab Sample ID: 9724206009

Sample wt/vol: 985.0 (g/mL) ML Lab File ID: 20227A22

Level: (low/med) LOW Date Received: 02/21/08

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 02/26/08

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/08

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
86-73-7	Fluorene	2.0	U
85-01-8	Phenanthrene	1.5	U

FORM I SV

APPENDIX C

Support Documentation

Report ID: 9724206

Analytical Laboratory Services, Inc.
Environmental • Industrial Hygiene • Field Services
34 Dogwood Lane • Middletown, PA 17057 • 717.944.5641 • Fax: 717.944.1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 2
Courier:
Tracking #:
9724206

Co. Name: TetraTech NUS
Contact (Report to): Donald Whalen
Phone: 610-582-1536
Address: 234 Mall Blvd. Ste. 260
King of Prussia, PA 19406

Bill to (if different than Report to):
PO#:

Project Name/#: NMCFC Reading
ALSI Quote #:
TAT: Normal-Standard TAT is 10-12 business days. Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:
Email? -Y
Fax? -Y No.:

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	#2 Fuel oil VOC	#2 Fuel oil SVOC, TS
1 UST-SBC1-1112		2/21/08	0928	C	SC	1	1
2 UST-SBC2-[illegible]			1005	C	SC	1	1
3 UST-SBC2-2239			1042	C	SC	1	1
4 UST-SBC3 1112	Demshore		1125	C	SC	3	3
5 UST-SBC4-0405			1158	C	SC	1	1
6 UST-SBC4-2829			1229	C	SC	1	1
7 UST FD-01			1200	C	SC	1	1
8 UST-SBC5-1415			1315	C	SC	1	1

Container Type: Brown Jar
Container Size: 5g 4oz
Preservative: — —

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Analysis

Correct containers? Correct sample volume? Correct preservation? Headspace/Volatiles? Circle appropriate Y or N.
Custody seals Present? (If present) Seals Intact? Received on ice? COC labels complete/accurate? Container in good condition?

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (signature): DATE 2/21/08 TIME 1430
REVIEWED BY (signature): DATE 2/21/08 TIME 1645

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Donald Whalen	2/21/08	1457	2 D. Blauch ALST	2/21/08	1457
3 D. Blauch ALST	2-21-08	1800	4 [illegible] ALSI	2-21	1800
5			6		
7			8		
9			10		

Data Deliverables: Standard; CLP-like; NJ-Reduced; NJ-Full; EDDs Required: If yes, format type:
DOD Criteria Required?
EDDs Formats?: yes; yes; yes; yes
State Samples Collected In?: MD; NJ; NY; PA; Other
ALSI FIELD SERVICES: Pickup; Labor; Composite Sampling; Rental Equipment; Other:

Receipt Information (received in Sample Receiving)
Performed by:
Cooler Temp: 4°
Therm. ID: 51023955
No. of Coolers:
Notes:

* G=Grab; C=Composite
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
**Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservative: HCL, HNO3, NaOH, etc.
Rev 6/07

ANALYTICAL LABORATORY SERVICES, INC.
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5641 Fax: 717-944-1430
www.analyticallab.com
NELAP Accredited PA 22-293 NJ PA010
ACCREDITED IN ACCORDANCE WITH

0012

Report ID: 9724206

Analytical Laboratory Services, Inc.
Environmental • Industrial Hygiene • Field Services
34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 2 of 2
Courier:
Tracking #:
COC# 9724206

Co. Name: Tetra Tech NUS
Contact (Report to): Donald Whalen
Phone: 610-882-1536
Address: 234 Mall Blvd. Ste. 260
King of Prussia, PA 19406

Bill to (if different than Report to):
PO#:

Project Name/#:
ALSI Quote #:
TAT: Normal-Standard TAT is 10-12 business days. Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:
Email? -Y
Fax? -Y No.:

	Container Type	Amber	Jar	Vial	Sealer
	Container Size	5g	4 oz	40ml	1L
	Preservative	—	—		

ANALYSES/METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	#2 Fuel oil Vcc	#2 Fuel oil Svcc	TCL Vcc	TCL Svcc								
							Enter Number of Containers Per Analysis											
1	RB-022108	Rinsate	2/21/08	1330	G	CL			2	2								
2	TB-022108	Trip Blank			G	CL			2									
3																		
4																		
5																		
6																		
7																		
8																		

Receipt Information
Received by: NP
Cooler Temp: 1°
Therm. ID: 5/5C
No. of Coolers:
Notes:

Circle appropriate Y or N.				
Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	
Y	Y	Y	Y	
Custody seals Present?	(If present) Seals Intact?	Received on Ice?	COC/Labels complete/accurate?	Container in good condition?
Y	Y	Y	Y	Y

SAMPLED BY (Please Print): Donald Whalen
LOGGED BY (signature): 2/21/08 1940
REVIEWED BY (signature): 02/22/08 1628

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Donald Whalen	2/21/08	1457	2 D. Blank ALSI	2/21/08	1459
3 D. Blank ALSI	2/21/08	1900	4 [illegible] ALSI	2-21	1900
5			6		
7			8		
9			10		

Data Deliverables: Standard; CLP-like; NJ-Reduced; NJ-Full; EDDs Required? If yes, format type:
DOD Criteria Required?
EDMA Forms/Fees: yes / yes / yes / yes
State Samples Delivered In?: MD, NJ, NY, PA
Other:

ALSI FIELD SERVICES: Pickup; Labor; Composite Sampling; Rental Equipment; Other:

* G=Grab; C=Composite
**Matrix: Air=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AB-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 5oz., etc. Preservatives HCl, HNO3, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY

Rev 6/07

ANALYTICAL LABORATORY SERVICES, INC.
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430
www.analyticallab.com
NELAP Accredited PA 22-305 NJ PA010
ACCREDITED IN ACCORDANCE WITH

Tetra Tech NUS, Inc.
NMCRC READING CHEMICAL ANALYSES
TTNUS Project Manager - Mr. Don Whalen

Analytical Laboratory Services Inc.
Analytical Narrative
TCK-003

Sample Management

This report contains the results of the analysis of two (2) water samples and eight (8) soil samples collected on February 21, 2008. Analytical results and quality control information are summarized in this data package.

Sample Receipt

Samples arrived at ALSI via courier on February 21, 2008. Upon receipt, the samples were inspected and compared to the enclosed chain of custody. Each sample was assigned a unique identification number (see Certificates of Analysis). The sample information was entered into the computer system and the samples were released for analysis.

Volatile Organics in water by SW-846 Method 8260

Sample Handling. Two (2) water samples were analyzed by SW-846 Method 8260 for volatile organic compounds on MS05. All analyses were performed within the holding time.

Initial Calibrations. A six-point calibration was analyzed on MS05 on February 22, 2008. This calibration was used to quantitate the samples, blanks and spikes. The initial calibration met method criteria for all target analytes.

Continuing Calibration Checks. A continuing calibration check standard was analyzed on MS05 on March 5, 2008. The continuing calibration check met method criteria for all target analytes.

Blanks. One method blank, identified as 445841, was analyzed with the samples and included in this deliverable group. No target analytes were detected in the method blank.

Surrogates. A four-component surrogate mix was added to each sample, blank and spike. The samples, blanks and spikes had surrogate recoveries within QC limits.

Internal Standards. A three-component internal standard mix was added to each sample, blank and spike. The internal standards met method criteria in the samples and QC.

Spiked Blanks. One spiked blank, identified as 445842, was analyzed with the samples. All target analyte recoveries were within QC limits in the spiked blank.

Volatile Organics in soil by SW-846 Method 8260

Sample Handling. Eight (8) soil samples were analyzed by SW-846 Method 8260 for low-level volatile organic compounds on MS15. All extractions and analyses were performed within the holding time.

Initial Calibrations. A six-point calibration was analyzed on MS15 on February 27, 2008. This calibration was used to quantitate the samples, blank and spikes. The initial calibration met method criteria for all target analytes.

Continuing Calibration Checks. A continuing calibration check standard was analyzed on MS15 on February 27, 2008. The continuing calibration check met method criteria for all target analytes.

Blanks. One method blank, identified as 443697, was analyzed with the samples and included in this deliverable group. No target analytes were detected in the method blank.

Surrogates. A four-component surrogate mix was added to each sample, blank and spike. All samples and QC had surrogate recoveries within QC limits.

Internal Standards. A three-component internal standard mix was added to each sample, blank and spike. The internal standards were recovered within method criteria in all of the samples and associated QC.

Spiked Blanks. One spiked blank, identified as 443698, was analyzed with the samples. All target analyte recoveries were within QC limits in the spiked blank.

Matrix Spikes. A matrix spike and matrix spike duplicate, identified as 443733 and 443734 respectively, were analyzed with project sample 9724206004 (UST-SB03-1112), on MS15. All target analytes had recoveries within QC limits.

Semi-volatile Organic Chemicals in water by Method 8270

Sample Handling. One (1) water sample was extracted by SW-846 Method 3510 and the extract was analyzed by SW-846 Method 8270 for semi-volatile organic chemicals. The sample, extraction blank and spikes were analyzed on MS02. All extractions and analyses were performed within holding time.

Initial Calibrations. An eight-point calibration for SW-846 Method 8270 was analyzed on MS02 on February 22, 2008. This calibration was used for the analyses of the samples, blank and spikes. The initial calibration met method criteria for all target analytes.

Calibration Checks. A calibration check standard for SW-846 Method 8270 was analyzed on MS02 twice on February 27, 2008. The calibration check met method criteria for all target analytes.

Blanks. A method blank, identified as 443283, was extracted and analyzed with the samples. No target compounds were detected in the method blank.

Surrogates. An eight-component surrogate mix was added to the sample, blank and spikes. All surrogate recoveries were within Qc limits in the sample, blank and spikes.

Internal Standards. A six-component internal standard mix was added to each sample, blank and spike for SW-846 Method 8270. All internal standards met method criteria.

Blank Spikes. A blank spike, identified as 443285, was extracted and analyzed with the samples by method 8270. All recoveries were within QC limits for the spiked blank.

Semi-volatile Organic Chemicals in soil by Method 8270

Sample Handling. Eight (8) soil samples were extracted by SW-846 Method 3545 and the extracts were analyzed by SW-846 Method 8270 for semi-volatile organic chemicals. The

samples, blanks and spikes were analyzed on MS10. All extractions and analyses were performed within holding time.

Initial Calibrations. An eight-point calibration for SW-846 Method 8270 was analyzed on MS10 on February 22, 2008. This calibration was used for the analyses of the samples, blank and spikes. The initial calibration met method criteria for all target analytes.

Calibration Checks. Calibration check standards for SW-846 Method 8270 were analyzed on MS08 on February 27, 2008, and on February 28, 2008. The calibration checks met method criteria for all target analytes.

Blanks. One method blank, identified as 443242, was extracted and analyzed with the samples. No target compounds were detected in the method blank.

Surrogates. A six-component surrogate mix was added to the sample, blanks and spikes. All surrogate recoveries were within QC limits in the samples, blanks and QC.

Internal Standards. A six-component internal standard mix was added to each sample, blank and spike for SW-846 Method 8270. All internal standards met method criteria.

Blank Spikes. One blank spike, identified as 443243, was extracted and analyzed with the samples by method 8270. All recoveries were within QC limits in the spiked blank.

Matrix Spikes. A matrix spike and matrix spike duplicate, identified as 443244 and 443245 respectively, were analyzed with project sample 9724206004 (UST-SB03-1112). All recoveries were within QC limits.

Total Solids by SM 2540G

Sample handling. Eight (8) solid samples were analyzed for total solids by Standard Method 2540G. The samples were analyzed within 7-days of collection.

Duplicate. A duplicate analysis was performed on sample 9724206004 (UST-SB03-1112). The relative percent difference between the results was within the QC limit of 5 %.